Placing The Suspect Behind The Keyboard Using Digital Forensics And Investigative Techniques To Identify Cybercrime Suspects

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Cybercrime Case Presentation - Brett Shavers 2013

Cybercrime Case Presentation is a "first look" excerpt from Brett Shavers' new Syngress book, Placing the Suspect Behind the Keyboard. Case presentation requires the skills of a good forensic examiner and great public speaker in order to convey enough information to an audience for the audience to place the suspect behind the keyboard. Using a variety of visual aids, demonstrative methods, and analogies, investigators can effectively create an environment where the audience fully understands complex technical information and activity in a chronological fashion, as if they observed the case as it happened.

Scene of the Cybercrime - Debra Littlejohn Shinder 2008-07-21

When it comes to computer crimes, the criminals got a big head start. But the law enforcement and IT security communities are now working diligently to develop the knowledge, skills, and tools to successfully investigate and prosecute Cybercrime cases. When the first edition of "Scene of the Cybercrime" published in 2002, it was one of the first books that educated IT security professionals and law enforcement how to fight Cybercrime. Over the past 5 years a great deal has changed in how computer crimes are perpetrated and subsequently investigated. Also, the IT security and law enforcement communities have dramatically improved their ability to deal with Cybercrime, largely as a result of increased spending and training. According to the 2006 Computer Security Institute's and FBI's joint Cybercrime report: 52% of companies reported unauthorized use of computer systems in the prior 12 months. Each of these incidents is a Cybecrime requiring a certain level of investigation and remediation. And in many cases, an investigation is mandates by federal compliance regulations such as Sarbanes-Oxley, HIPAA, or the Payment Card Industry (PCI) Data Security Standard. Scene of the Cybercrime, Second Edition is a completely revised and updated book which covers all of the technological, legal, and regulatory changes, which have occurred since the first edition. The book is written for dual audience; IT security professionals and members of law enforcement. It gives the technical experts a little peek into the law enforcement world, a highly structured environment where the "letter of the law" is paramount and procedures must be followed

closely lest an investigation be contaminated and all the evidence collected rendered useless. It also provides law enforcement officers with an idea of some of the technical aspects of how cyber crimes are committed, and how technology can be used to track down and build a case against the criminals who commit them. Scene of the Cybercrime, Second Editions provides a roadmap that those on both sides of the table can use to navigate the legal and technical landscape to understand, prevent, detect, and successfully prosecute the criminal behavior that is as much a threat to the online community as "traditional" crime is to the neighborhoods in which we live. Also included is an all new chapter on Worldwide Forensics Acts and Laws. * Companion Web site provides custom tools and scripts, which readers can download for conducting digital, forensic investigations. * Special chapters outline how Cybercrime investigations must be reported and investigated by corporate IT staff to meet federal mandates from Sarbanes Oxley, and the Payment Card Industry (PCI) Data Security Standard * Details forensic investigative techniques for the most common operating systems (Windows, Linux and UNIX) as well as cutting edge devices including iPods, Blackberries, and cell phones.

Digital Evidence and the U.S. Criminal Justice System - Sean E. Goodison 2015

This report describes the results of a National Institute of Justice (NIJ)-sponsored research effort to identify and prioritize criminal justice needs related to digital evidence collection, management, analysis, and use. With digital devices becoming ubiquitous, digital evidence is increasingly important to the investigation and prosecution of many types of crimes. These devices often contain information about crimes committed, movement of suspects, and criminal associates. However, there are significant challenges to successfully using digital evidence in prosecutions, including inexperience of patrol officers and detectives in preserving and collecting digital evidence, lack of familiarity with digital evidence on the part of court officials, and an overwhelming volume of work for digital evidence examiners. Through structured interaction with police digital forensic experts, prosecuting attorneys, a privacy advocate, and industry representatives, the effort identified and prioritized specific needs to improve utilization of digital evidence in criminal justice. Several top-tier needs emerged from the analysis, including education of prosecutors and judges regarding digital evidence opportunities and challenges; training for patrol officers and investigators to promote better collection and preservation of digital evidence; tools for detectives to triage analysis of digital evidence in the field; development of regional models to make digital evidence analysis capability available to small departments; and training to address concerns about maintaining the currency of training and technology available to digital forensic examiners.

Investigative Uses of Technology - 2007

Haben - Haben Girma 2019-08-06

The incredible life story of Haben Girma, the first Deafblind graduate of Harvard Law School, and her amazing journey from isolation to the world stage. Haben grew up spending summers with her family in the enchanting Eritrean city of Asmara. There, she discovered courage as she faced off against a bull she couldn't see, and found in herself an abiding strength as she absorbed her parents' harrowing experiences during Eritrea's thirty-year war with Ethiopia. Their refugee story inspired her to embark on a quest for knowledge, traveling the world in search of the secret to belonging. She explored numerous fascinating places, including Mali, where she helped build a school under the scorching Saharan sun. Her many adventures over the years range from the hair-raising to the hilarious. Haben defines disability as an opportunity for innovation. She learned non-visual techniques for everything from dancing salsa to handling an electric saw. She developed a text-to-braille communication system that created an exciting new way to connect with people. Haben pioneered her way through obstacles, graduated from Harvard Law, and now uses her talents to advocate for people with disabilities. Haben takes readers through a thrilling game of blind hide-and-seek in Louisiana, a treacherous climb up an iceberg in Alaska, and a magical moment with President Obama at The White House. Warm, funny,

thoughtful, and uplifting, this captivating memoir is a testament to one woman's determination to find the keys to connection. "This autobiography by a millennial Helen Keller teems with grace and grit." -- O Magazine "A profoundly important memoir." -- The Times ** As featured in The Wall Street Journal, People, and on The TODAY Show ** A New York Times "New & Noteworthy" Pick ** An O Magazine "Book of the Month" Pick ** A Publishers Weekly Bestseller **

DNA Technology in Forensic Science - National Research Council 1992-02-01

Matching DNA samples from crime scenes and suspects is rapidly becoming a key source of evidence for use in our justice system. DNA Technology in Forensic Science offers recommendations for resolving crucial questions that are emerging as DNA typing becomes more widespread. The volume addresses key issues: Quality and reliability in DNA typing, including the introduction of new technologies, problems of standardization, and approaches to certification. DNA typing in the courtroom, including issues of population genetics, levels of understanding among judges and juries, and admissibility. Societal issues, such as privacy of DNA data, storage of samples and data, and the rights of defendants to quality testing technology. Combining this original volume with the new update-The Evaluation of Forensic DNA Evidence-provides the complete, up-to-date picture of this highly important and visible topic. This volume offers important guidance to anyone working with this emerging law enforcement tool: policymakers, specialists in criminal law, forensic scientists, geneticists, researchers, faculty, and students.

In Cold Blood - Truman Capote 2013-02-19

Selected by the Modern Library as one of the 100 best nonfiction books of all time From the Modern Library's new set of beautifully repackaged hardcover classics by Truman Capote—also available are Breakfast at Tiffany's and Other Voices, Other Rooms (in one volume), Portraits and Observations, and The Complete Stories Truman Capote's masterpiece, In Cold Blood, created a sensation when it was first published, serially, in The New Yorker in 1965. The intensively researched, atmospheric narrative of the lives of the Clutter family of Holcomb, Kansas, and of the two men, Richard Eugene Hickock and Perry Edward Smith, who brutally killed them on the night of November 15, 1959, is the seminal work of the "new journalism." Perry Smith is one of the great dark characters of American literature, full of contradictory emotions. "I thought he was a very nice gentleman," he says of Herb Clutter. "Soft-spoken. I thought so right up to the moment I cut his throat." Told in chapters that alternate between the Clutter household and the approach of Smith and Hickock in their black Chevrolet, then between the investigation of the case and the killers' flight, Capote's account is so detailed that the reader comes to feel almost like a participant in the events.

How To Be a Geek - Matthew Fuller 2017-09-05

Computer software and its structures, devices and processes are woven into our everyday life. Their significance is not just technical: the algorithms, programming languages, abstractions and metadata that millions of people rely on every day have far-reaching implications for the way we understand the underlying dynamics of contemporary societies. In this innovative new book, software studies theorist Matthew Fuller examines how the introduction and expansion of computational systems into areas ranging from urban planning and state surveillance to games and voting systems are transforming our understanding of politics, culture and aesthetics in the twenty-first century. Combining historical insight and a deep understanding of the technology powering modern software systems with a powerful critical perspective, this book opens up new ways of understanding the fundamental infrastructures of contemporary life, economies, entertainment and warfare. In so doing Fuller shows that everyone must learn 'how to be a geek', as the seemingly opaque processes and structures of modern computer and software technology have a significance that no-one can afford to ignore. This powerful and engaging book will be of interest to everyone interested in a critical understanding of the political and cultural ramifications of digital media and computing in the modern world.

The Secrets of the FBI - Ronald Kessler 2012-08-07

New York Times bestselling author reveals the

FBI’s most closely guarded secrets, with an insider look at the bureau’s inner workings and intelligence investigations. Based on inside access and hundreds of interviews with federal agents, the book presents an unprecedented, authoritative window on the FBI's unique role in American history. From White House scandals to celebrity deaths, from cult catastrophes to the investigations of terrorists, stalkers, Mafia figures, and spies, the FBI becomes involved in almost every aspect of American life. Kessler shares how the FBI caught spy Robert Hanssen in its midst as well as how the bureau breaks into homes, offices, and embassies to plant bugging devices without getting caught. With revelations about the raid on Osama bin Laden's compound, the recent Russian spy swap, Marilyn Monroe's death, Vince Foster’s suicide, and even J. Edgar Hoover, The Secrets of the FBI presents headline-making disclosures about the most important figures and events of our time.

Digital Triage Forensics - Stephen Pearson 2010-07-13

Digital Triage Forensics: Processing the Digital Crime Scene provides the tools, training, and techniques in Digital Triage Forensics (DTF), a procedural model for the investigation of digital crime scenes including both traditional crime scenes and the more complex battlefield crime scenes. The DTF is used by the U.S. Army and other traditional police agencies for current digital forensic applications. The tools, training, and techniques from this practice are being brought to the public in this book for the first time. Now corporations, law enforcement, and consultants can benefit from the unique perspectives of the experts who coined Digital Triage Forensics. The text covers the collection of digital media and data from cellular devices and SIM cards. It also presents outlines of pre- and post- blast investigations. This book is divided into six chapters that present an overview of the age of warfare, key concepts of digital triage and battlefield forensics, and methods of conducting pre/post-blast investigations. The first chapter considers how improvised explosive devices (IEDs) have changed from basic booby traps to the primary attack method of the insurgents in Iraq and Afghanistan. It also covers the emergence of a sustainable vehicle for prosecuting enemy combatants under the Rule of Law in Iraq as U.S. airmen, marines, sailors, and soldiers perform roles outside their normal military duties and responsibilities. The remaining chapters detail the benefits of DTF model, the roles and responsibilities of the weapons intelligence team (WIT), and the challenges and issues of collecting digital media in battlefield situations. Moreover, data collection and processing as well as debates on the changing role of digital forensics investigators are explored. This book will be helpful to forensic scientists, investigators, and military personnel, as well as to students and beginners in forensics. Includes coverage on collecting digital media Outlines pre- and post-blast investigations Features content on collecting data from cellular devices and SIM cards

The Suspect - Kent Alexander 2019-11-12

The “intensively reported and fluidly written” true-crime account of the heroic security guard accused of the 1996 Centennial Olympic Park bombing (Wall Street Journal). On July 27, 1996, security guard Richard Jewell spotted a suspicious bag in Atlanta’s Centennial Olympic Park, the town square of the 1996 Summer Games. Inside was a bomb, the largest of its kind in FBI and ATF history. The bomb detonated amid a crowd of fifty thousand people. But thanks to Jewell, it only wounded 111 and killed two, not the untold scores who would have otherwise died. Yet seventy-two hours later, the FBI turned Jewell from a national hero into their main suspect. The decision not only changed Jewell’s life, it let the true bomber roam free to strike again. Today, most of what we remember of this tragedy is wrong. In a triumph of investigative journalism, former U.S. Attorney Kent Alexander and reporter Kevin Salwen reconstruct events before, during, and after the bombing. Drawn from law enforcement evidence and the extensive personal records of key players—including Richard himself—The Suspect, is a gripping story of domestic terrorism and an innocent man’s fight to clear his name.

The Goal - Eliyahu M. Goldratt 2016-08-12

Alex Rogo is a harried plant manager working ever more desperately to try and improve performance. His factory is rapidly heading for disaster. So is his marriage. He has ninety days

to save his plant - or it will be closed by corporate HQ, with hundreds of job losses. It takes a chance meeting with a colleague from student days - Jonah - to help him break out of conventional ways of thinking to see what needs to be done. Described by Fortune as a 'guru to industry' and by Businessweek as a 'genius', Eliyahu M. Goldratt was an internationally recognized leader in the development of new business management concepts and systems. This 20th anniversary edition includes a series of detailed case study interviews by David Whitford, Editor at Large, Fortune Small Business, which explore how organizations around the world have been transformed by Eli Goldratt's ideas. The story of Alex's fight to save his plant contains a serious message for all managers in industry and explains the ideas which underline the Theory of Constraints (TOC) developed by Eli Goldratt. Written in a fast-paced thriller style, The Goal is the gripping novel which is transforming management thinking throughout the Western world. It is a book to recommend to your friends in industry - even to your bosses - but not to your competitors!

Unfair - Adam Benforado 2016-06-14

NEW YORK TIMES BESTSELLER • “Unfair succinctly and persuasively recounts cutting-edge research testifying to the faulty and inaccurate procedures that underpin virtually all aspects of our criminal justice system, illustrating many with case studies.”—The Boston Globe A child is gunned down by a police officer; an investigator ignores critical clues in a case; an innocent man confesses to a crime he did not commit; a jury acquits a killer. The evidence is all around us: Our system of justice is fundamentally broken. But it’s not for the reasons we tend to think, as law professor Adam Benforado argues in this eye-opening, galvanizing book. Even if the system operated exactly as it was designed to, we would still end up with wrongful convictions, trampled rights, and unequal treatment. This is because the roots of injustice lie not inside the dark hearts of racist police officers or dishonest prosecutors, but within the minds of each and every one of us. This is difficult to accept. Our nation is founded on the idea that the law is impartial, that legal cases are won or lost on the basis of evidence, careful reasoning and nuanced argument. But they may, in fact, turn on the camera angle of a defendant’s taped confession, the number of photos in a mug shot book, or a simple word choice during a cross-examination. In Unfair, Benforado shines a light on this troubling new field of research, showing, for example, that people with certain facial features receive longer sentences and that judges are far more likely to grant parole first thing in the morning. Over the last two decades, psychologists and neuroscientists have uncovered many cognitive forces that operate beyond our conscious awareness. Until we address these hidden biases head-on, Benforado argues, the social inequality we see now will only widen, as powerful players and institutions find ways to exploit the weaknesses of our legal system. Weaving together historical examples, scientific studies, and compelling court cases—from the border collie put on trial in Kentucky to the five teenagers who falsely confessed in the Central Park Jogger case—Benforado shows how our judicial processes fail to uphold our values and protect society’s weakest members. With clarity and passion, he lays out the scope of the legal system’s dysfunction and proposes a wealth of practical reforms that could prevent injustice and help us achieve true fairness and equality before the law.

Cybercrime Case Presentation - Brett Shavers 2013-01-15

Cybercrime Case Presentation is a "first look" excerpt from Brett Shavers' new Syngress book, Placing the Suspect Behind the Keyboard. Case presentation requires the skills of a good forensic examiner and great public speaker in order to convey enough information to an audience for the audience to place the suspect behind the keyboard. Using a variety of visual aids, demonstrative methods, and analogies, investigators can effectively create an environment where the audience fully understands complex technical information and activity in a chronological fashion, as if they observed the case as it happened.

Blown to Bits - Harold Abelson 2008

'Blown to Bits' is about how the digital explosion is changing everything. The text explains the technology, why it creates so many surprises

and why things often don't work the way we expect them to. It is also about things the information explosion is destroying: old assumptions about who is really in control of our lives.

Hiding Behind the Keyboard - Brett Shavers 2016-03-14

Hiding Behind the Keyboard: Uncovering Covert Communication Methods with Forensic Analysis exposes the latest electronic covert communication techniques used by cybercriminals, along with the needed investigative methods for identifying them. The book shows how to use the Internet for legitimate covert communication, while giving investigators the information they need for detecting cybercriminals who attempt to hide their true identity. Intended for practitioners and investigators, the book offers concrete examples on how to communicate securely, serving as an ideal reference for those who truly need protection, as well as those who investigate cybercriminals. Covers high-level strategies, what they can achieve, and how to implement them Shows discovery and mitigation methods using examples, court cases, and more Explores how social media sites and gaming technologies can be used for illicit communications activities Explores the currently in-use technologies such as TAILS and TOR that help with keeping anonymous online

Placing the Suspect Behind the Keyboard - Brett Shavers 2013-02-01

Placing the Suspect Behind the Keyboard is the definitive book on conducting a complete investigation of a cybercrime using digital forensics techniques as well as physical investigative procedures. This book merges a digital analysis examiner's work with the work of a case investigator in order to build a solid case to identify and prosecute cybercriminals. Brett Shavers links traditional investigative techniques with high tech crime analysis in a manner that not only determines elements of crimes, but also places the suspect at the keyboard. This book is a first in combining investigative strategies of digital forensics analysis processes alongside physical investigative techniques in which the reader will gain a holistic approach to their current and future cybercrime investigations. Learn the tools and investigative principles of both physical and digital cybercrime investigations—and how they fit together to build a solid and complete case Master the techniques of conducting a holistic investigation that combines both digital and physical evidence to track down the "suspect behind the keyboard" The only book to combine physical and digital investigative techniques

The Other Wes Moore - Wes Moore 2011-01-11

NEW YORK TIMES BESTSELLER • From the governor-elect of Maryland, the “compassionate” (People), “startling” (Baltimore Sun), “moving” (Chicago Tribune) true story of two kids with the same name from the city: One went on to be a Rhodes Scholar, decorated combat veteran, White House Fellow, and business leader. The other is serving a life sentence in prison. Selected by Stephen Curry as his “Underrated” Book Club Pick with Literati The chilling truth is that his story could have been mine. The tragedy is that my story could have been his. In December 2000, the Baltimore Sun ran a small piece about Wes Moore, a local student who had just received a Rhodes Scholarship. The same paper also ran a series of articles about four young men who had allegedly killed a police officer in a spectacularly botched armed robbery. The police were still hunting for two of the suspects who had gone on the lam, a pair of brothers. One was named Wes Moore. Wes just couldn’t shake off the unsettling coincidence, or the inkling that the two shared much more than space in the same newspaper. After following the story of the robbery, the manhunt, and the trial to its conclusion, he wrote a letter to the other Wes, now a convicted murderer serving a life sentence without the possibility of parole. His letter tentatively asked the questions that had been haunting him: Who are you? How did this happen? That letter led to a correspondence and relationship that have lasted for several years. Over dozens of letters and prison visits, Wes discovered that the other Wes had had a life not unlike his own: Both had had difficult childhoods, both were fatherless; they’d hung out on similar corners with similar crews, and both had run into trouble with the police. At each stage of their young lives they had come across similar moments of decision, yet their choices would lead them to astonishingly

different destinies. Told in alternating dramatic narratives that take readers from heart-wrenching losses to moments of surprising redemption, The Other Wes Moore tells the story of a generation of boys trying to find their way in a hostile world.

Guide to Computer Forensics and Investigations - Bill Nelson 2018-05-07

Master the skills you need to conduct a successful digital investigation with Nelson/Phillips/Steuart's GUIDE TO COMPUTER FORENSICS AND INVESTIGATIONS, Sixth Edition--the most comprehensive forensics resource available. Providing clear instruction on the tools and techniques of the trade, it walks you through every step of the computer forensics investigation--from lab setup to testifying in court. The authors also thoroughly explain how to use current forensics software. The text includes the most up-to-date coverage available of Linux and Macintosh, virtual machine software such as VMware and Virtual Box, Android, mobile devices, handheld devices, cloud forensics, email, social media and the Internet of Anything. Appropriate for learners new to the field, it is also an excellent refresher and technology update for professionals in law enforcement, investigations or computer security. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Cybercrime Investigation Case Studies - Brett Shavers 2012-12-17

Cybercrime Investigation Case Studies is a "first look" excerpt from Brett Shavers' new Syngress book, Placing the Suspect Behind the Keyboard. Case studies are an effective method of learning the methods and processes that were both successful and unsuccessful in real cases. Using a variety of case types, including civil and criminal cases, with different cybercrimes, a broad base of knowledge can be gained by comparing the cases against each other. The primary goal of reviewing successful cases involving suspects using technology to facilitate crimes is to be able to find and use the same methods in future cases. This "first look" teaches you how to place the suspect behind the keyboard using case studies.

CISSP: Cybersecurity Operations and Incident Response - Richie Miller 2022-12-16

If you want to become a Cybersecurity Professional, this book is for you! IT Security jobs are on the rise! Small, medium or large size companies are always on the look out to get on board bright individuals to provide their services for Business as Usual (BAU) tasks or deploying new as well as on-going company projects. Most of these jobs requiring you to be on site but since 2020, companies are willing to negotiate with you if you want to work from home (WFH). Yet, to pass the Job interview, you must have experience. Still, if you think about it, all current IT security professionals at some point had no experience whatsoever. The question is; how did they get the job with no experience? Well, the answer is simpler then you think. All you have to do is convince the Hiring Manager that you are keen to learn and adopt new technologies and you have willingness to continuously research on the latest upcoming methods and techniques revolving around IT security. Here is where this book comes into the picture. Why? Well, if you want to become an IT Security professional, this book is for you! If you are studying for CompTIA Security+ or CISSP, this book will help you pass your exam. Passing security exams isn't easy. In fact, due to the raising security beaches around the World, both above mentioned exams are becoming more and more difficult to pass. Whether you want to become an Infrastructure Engineer, IT Security Analyst or any other Cybersecurity Professional, this book (as well as the other books in this series) will certainly help you get there! BUY THIS BOOK NOW AND GET STARTED TODAY! In this book you will discover: · Data Sources to Support an Incident · How to Assess Organizational Security · File Manipulation & Packet Captures · Forensics & Exploitation Frameworks · Data Sanitization Tools · How to Apply Policies, Processes and Procedures for Incident Response · Detection and Analysis · Test Scenarios & Simulations · Threat Intelligence Lifecycle · Disaster Recovery & Business Continuity · How to Implement Data Sources to Support an Investigation · Retention Auditing, Compliance & Metadata · How to Implement Mitigation Techniques to Secure an Environment · Mobile Device Management · DLP, Content Filters & URL Filters · Key Aspects of Digital Forensics · Chain of Custody & Legal

Hold · First Responder Best Practices · Network Traffic and Logs · Screenshots & Witnesses · Preservation of Evidence · Data Integrity · Jurisdictional Issues & Data Breach Notification Laws BUY THIS BOOK NOW AND GET STARTED TODAY!

The Poisoner's Handbook - Deborah Blum 2011-01-25

Equal parts true crime, twentieth-century history, and science thriller, The Poisoner's Handbook is "a vicious, page-turning story that reads more like Raymond Chandler than Madame Curie." —The New York Observer “The Poisoner’s Handbook breathes deadly life into the Roaring Twenties.” —Financial Times “Reads like science fiction, complete with suspense, mystery and foolhardy guys in lab coats tipping test tubes of mysterious chemicals into their own mouths.” —NPR: What We're Reading A fascinating Jazz Age tale of chemistry and detection, poison and murder, The Poisoner's Handbook is a page-turning account of a forgotten era. In early twentieth-century New York, poisons offered an easy path to the perfect crime. Science had no place in the Tammany Hall-controlled coroner's office, and corruption ran rampant. However, with the appointment of chief medical examiner Charles Norris in 1918, the poison game changed forever. Together with toxicologist Alexander Gettler, the duo set the justice system on fire with their trailblazing scientific detective work, triumphing over seemingly unbeatable odds to become the pioneers of forensic chemistry and the gatekeepers of justice. In 2014, PBS's AMERICAN EXPERIENCE released a film based on The Poisoner's Handbook.

Authorship Attribution - Patrick Juola 2008

Authorship Attribution surveys the history and present state of the discipline, presenting some comparative results where available. It also provides a theoretical and empirically-tested basis for further work. Many modern techniques are described and evaluated, along with some insights for application for novices and experts alike.

Best Practices for Seizing Electronic Evidence - 2002

Forward Motion - Hal Galper 2011-01-12

The same notes can sound square or swinging, depending on how the music is phrased. This revolutionary book shows how many people misunderstand jazz phrasing and shows how to replace stiff phrasing with fluid lines that have the right jazz feeling. In this book, master pianist Hal Galper also shows how get that feeling of forward motion and also how to use melody guide tones correctly, how to line up the strong beat in a bar with the strongest chord notes, and much more!

A Practical Guide to Computer Forensics Investigations - Darren R. Hayes 2015

A Practical Guide to Computer Forensics Investigations introduces the newest technologies along with detailed information on how the evidence contained on these devices should be analyzed. Packed with practical, hands-on activities, students will learn unique subjects from chapters including Mac Forensics, Mobile Forensics, Cyberbullying, and Child Endangerment. This well-developed book will prepare students for the rapidly-growing field of computer forensics for a career with law enforcement, accounting firms, banks and credit card companies, private investigation companies, or government agencies.

Conviction - Juan Martinez 2016-02-16

Juan Martinez, the fiery prosecutor who convicted notorious murderess Jodi Arias for the disturbing killing of Travis Alexander, speaks for the first time about the shocking investigation and sensational trial that captivated the nation. Through two trials, America watched with baited breath as Juan Martinez fought relentlessly to convict Jodi Arias of Murder One for viciously stabbing her ex-boyfriend Travis Alexander to death. What emerged was a story wrought with sex, manipulation, and deceit that stunned the public at every turn. Arias, always playing the wronged and innocent woman, changed her story continually as her bizarre behavior surrounding the crime and its aftermath came to light. Unwavering, Arias and her defense team continued to play off the salacious details of the case, until she was finally found guilty and—controversially—sentenced to life behind bars. Now, speaking openly for the first time, prosecutor Juan Martinez will unearth new details from the investigation that were never revealed at trial, exploring key facts from the case and the pieces of evidence he chose to keep

close to the vest. Throughout the trials, his bullish and unfaltering prosecution strategy was both commended and criticized, and in his book, Martinez will illuminate the unique tactics he utilized in this case and how they lead to a successful conviction, and-for the first time-discuss how he felt losing the death penalty sentence he'd pursued for years. Going beyond the news reports, Martinez will explore the truth behind the multiple facades of Jodi Arias. Sparring with her from across the stand, Martinez came to know Arias like no one else could, dissecting what it took for a seemingly normal girl to become a deluded, cunning, and unrepentant murderer. With new stories from behind the scenes of the trial and Martinez's own take on his defendant, the book takes you inside the mind of Jodi Arias like never before. Complete with 16 pages of photos from the case and trial, this book is the definitive account of the case that shocked America.

Windows 7: The Missing Manual - David Pogue 2010-03-19

In early reviews, geeks raved about Windows 7. But if you're an ordinary mortal, learning what this new system is all about will be challenging. Fear not: David Pogue's Windows 7: The Missing Manual comes to the rescue. Like its predecessors, this book illuminates its subject with reader-friendly insight, plenty of wit, and hardnosed objectivity for beginners as well as veteran PC users. Windows 7 fixes many of Vista's most painful shortcomings. It's speedier, has fewer intrusive and nagging screens, and is more compatible with peripherals. Plus, Windows 7 introduces a slew of new features, including better organization tools, easier WiFi connections and home networking setup, and even touchscreen computing for those lucky enough to own the latest hardware. With this book, you'll learn how to: Navigate the desktop, including the fast and powerful search function Take advantage of Window's apps and gadgets, and tap into 40 free programs Breeze the Web with Internet Explorer 8, and learn the email, chat, and videoconferencing programs Record TV and radio, display photos, play music, and record any of these to DVD using the Media Center Use your printer, fax, laptop, tablet PC, or smartphone with Windows 7 Beef up your system and back up your files Collaborate and share documents and other files by setting up a workgroup network

The Suspect - Fiona Barton 2019-01-22

The New York Times bestselling author of The Widow returns with a brand new novel of twisting psychological suspense about every parent's worst nightmare... When two eighteen-year-old girls go missing in Thailand, their families are thrust into the international spotlight: desperate, bereft, and frantic with worry. What were the girls up to before they disappeared? Journalist Kate Waters always does everything she can to be first to the story, first with the exclusive, first to discover the truth—and this time is no exception. But she can't help but think of her own son, whom she hasn't seen in two years, since he left home to go travelling. As the case of the missing girls unfolds, they will all find that even this far away, danger can lie closer to home than you might think...

X-Ways Forensics Practitioner's Guide - Brett Shavers 2013-08-10

The X-Ways Forensics Practitioner's Guide is more than a manual-it's a complete reference guide to the full use of one of the most powerful forensic applications available, software that is used by a wide array of law enforcement agencies and private forensic examiners on a daily basis. In the X-Ways Forensics Practitioner's Guide, the authors provide you with complete coverage of this powerful tool, walking you through configuration and X-Ways fundamentals, and then moving through case flow, creating and importing hash databases, digging into OS artifacts, and conducting searches. With X-Ways Forensics Practitioner's Guide, you will be able to use X-Ways Forensics to its fullest potential without any additional training. The book takes you from installation to the most advanced features of the software. Once you are familiar with the basic components of X-Ways, the authors demonstrate never-before-documented features using real life examples and information on how to present investigation results. The book culminates with chapters on reporting, triage and preview methods, as well as electronic discovery and cool X-Ways apps. Provides detailed explanations of the complete forensic investigation processe using X-Ways Forensics. Goes beyond the basics:

hands-on case demonstrations of never-before-documented features of X-Ways. Provides the best resource of hands-on information to use X-Ways Forensics.

Cybercrime Investigative Case Management - Brett Shavers 2013-01-15

Investigative Case Management is a "first look" excerpted from Brett Shavers' new Syngress book, Placing the Suspect Behind the Keyboard. Investigative case management is more than just organizing your case files. It includes the analysis of all evidence collected through digital examinations, interviews, surveillance, and other data sources. In order to place a suspect behind any keyboard, supporting evidence needs to be collected and attributed to a person. This first look provides you with traditional and innovative methods of data analysis to identify and eliminate suspects through a combination of supporting methods of analysis.

Computer Forensics - Warren G. Kruse II 2001-09-26

Every computer crime leaves tracks–you just have to know where to find them. This book shows you how to collect and analyze the digital evidence left behind in a digital crime scene. Computers have always been susceptible to unwanted intrusions, but as the sophistication of computer technology increases so does the need to anticipate, and safeguard against, a corresponding rise in computer-related criminal activity. Computer forensics, the newest branch of computer security, focuses on the aftermath of a computer security incident. The goal of computer forensics is to conduct a structured investigation to determine exactly what happened, who was responsible, and to perform the investigation in such a way that the results are useful in a criminal proceeding. Written by two experts in digital investigation, Computer Forensics provides extensive information on how to handle the computer as evidence. Kruse and Heiser walk the reader through the complete forensics process–from the initial collection of evidence through the final report. Topics include an overview of the forensic relevance of encryption, the examination of digital evidence for clues, and the most effective way to present your evidence and conclusions in court. Unique forensic issues associated with both the Unix and the Windows NT/2000 operating systems are thoroughly covered. This book provides a detailed methodology for collecting, preserving, and effectively using evidence by addressing the three A's of computer forensics: Acquire the evidence without altering or damaging the original data. Authenticate that your recorded evidence is the same as the original seized data. Analyze the data without modifying the recovered data. Computer Forensics is written for everyone who is responsible for investigating digital criminal incidents or who may be interested in the techniques that such investigators use. It is equally helpful to those investigating hacked web servers, and those who are investigating the source of illegal pornography.

The Evaluation of Forensic DNA Evidence - National Research Council 1996-12-12

In 1992 the National Research Council issued DNA Technology in Forensic Science, a book that documented the state of the art in this emerging field. Recently, this volume was brought to worldwide attention in the murder trial of celebrity O. J. Simpson. The Evaluation of Forensic DNA Evidence reports on developments in population genetics and statistics since the original volume was published. The committee comments on statements in the original book that proved controversial or that have been misapplied in the courts. This volume offers recommendations for handling DNA samples, performing calculations, and other aspects of using DNA as a forensic toolâ€"modifying some recommendations presented in the 1992 volume. The update addresses two major areas: Determination of DNA profiles. The committee considers how laboratory errors (particularly false matches) can arise, how errors might be reduced, and how to take into account the fact that the error rate can never be reduced to zero. Interpretation of a finding that the DNA profile of a suspect or victim matches the evidence DNA. The committee addresses controversies in population genetics, exploring the problems that arise from the mixture of groups and subgroups in the American population and how this substructure can be accounted for in calculating frequencies. This volume examines statistical issues in interpreting frequencies as probabilities, including adjustments when a suspect is found through a database search. The

committee includes a detailed discussion of what its recommendations would mean in the courtroom, with numerous case citations. By resolving several remaining issues in the evaluation of this increasingly important area of forensic evidence, this technical update will be important to forensic scientists and population geneticistsâ€"and helpful to attorneys, judges, and others who need to understand DNA and the law. Anyone working in laboratories and in the courts or anyone studying this issue should own this book.

We Keep the Dead Close - Becky Cooper 2020-11-10

FINALIST FOR THE J. ANTHONY LUKAS BOOK PRIZE NATIONAL BESTSELLER Named One of The Best Books of 2020 by NPR's Fresh Air * Publishers Weekly * Marie Claire * Redbook * Vogue * Kirkus Reviews * Book Riot * Bustle A Recommended Book by The New York Times * The Washington Post * Publisher's Weekly * Kirkus Reviews* Booklist * The Boston Globe * Goodreads * Buzzfeed * Town & Country * Refinery29 * BookRiot * CrimeReads * Glamour * Popsugar * PureWow * Shondaland Dive into a "tour de force of investigative reporting" (Ron Chernow): a "searching, atmospheric and ultimately entrancing" (Patrick Radden Keefe) true crime narrative of an unsolved 1969 murder at Harvard and an "exhilarating and seductive" (Ariel Levy) narrative of obsession and love for a girl who dreamt of rising among men. You have to remember, he reminded me, that Harvard is older than the U.S. government. You have to remember because Harvard doesn't let you forget. 1969: the height of counterculture and the year universities would seek to curb the unruly spectacle of student protest; the winter that Harvard University would begin the tumultuous process of merging with Radcliffe, its all-female sister school; and the year that Jane Britton, an ambitious twenty-three-year-old graduate student in Harvard's Anthropology Department and daughter of Radcliffe Vice President J. Boyd Britton, would be found bludgeoned to death in her Cambridge, Massachusetts apartment. Forty years later, Becky Cooper a curious undergrad, will hear the first whispers of the story. In the first telling the body was nameless. The story was this: a Harvard student had had an affair with her professor, and the professor had murdered her in the Peabody Museum of Archaeology and Ethnology because she'd threatened to talk about the affair. Though the rumor proves false, the story that unfolds, one that Cooper will follow for ten years, is even more complex: a tale of gender inequality in academia, a 'cowboy culture' among empowered male elites, the silencing effect of institutions, and our compulsion to rewrite the stories of female victims. We Keep the Dead Close is a memoir of mirrors, misogyny, and murder. It is at once a rumination on the violence and oppression that rules our revered institutions, a ghost story reflecting one young woman's past onto another's present, and a love story for a girl who was lost to history.

Operating System Forensics - Ric Messier 2015-11-12

Operating System Forensics is the first book to cover all three critical operating systems for digital forensic investigations in one comprehensive reference. Users will learn how to conduct successful digital forensic examinations in Windows, Linux, and Mac OS, the methodologies used, key technical concepts, and the tools needed to perform examinations. Mobile operating systems such as Android, iOS, Windows, and Blackberry are also covered, providing everything practitioners need to conduct a forensic investigation of the most commonly used operating systems, including technical details of how each operating system works and how to find artifacts. This book walks you through the critical components of investigation and operating system functionality, including file systems, data recovery, memory forensics, system configuration, Internet access, cloud computing, tracking artifacts, executable layouts, malware, and log files. You'll find coverage of key technical topics like Windows Registry, /etc directory, Web browers caches, Mbox, PST files, GPS data, ELF, and more. Hands-on exercises in each chapter drive home the concepts covered in the book. You'll get everything you need for a successful forensics examination, including incident response tactics and legal requirements. Operating System Forensics is the only place you'll find all this covered in one book. Covers digital forensic investigations of the three major operating

systems, including Windows, Linux, and Mac OS Presents the technical details of each operating system, allowing users to find artifacts that might be missed using automated tools Hands-on exercises drive home key concepts covered in the book. Includes discussions of cloud, Internet, and major mobile operating systems such as Android and iOS

Technology in Forensic Science - Deepak Rawtani 2020-08-28

The book "Technology in Forensic Science" provides an integrated approach by reviewing the usage of modern forensic tools as well as the methods for interpretation of the results. Starting with best practices on sample taking, the book then reviews analytical methods such as high-resolution microscopy and chromatography, biometric approaches, and advanced sensor technology as well as emerging technologies such as nanotechnology and taggant technology. It concludes with an outlook to emerging methods such as AI-based approaches to forensic investigations.

Someone We Know - Shari Lapena 2019-07-30

AN INSTANT NEW YORK TIMES BESTSELLER! “Poised and chilling.” —Wall Street Journal “No-one does suburban paranoia like Shari Lapena—this slowly unfurling nightmare will have you biting your nails until the end.” —Ruth Ware Another thrilling domestic suspense novel from the New York Times bestselling author of The Couple Next Door and Not a Happy Family Maybe you don't know your neighbors as well as you thought you did . . . "This is a very difficult letter to write. I hope you will not hate us too much. . . My son broke into your home recently while you were out." In a quiet, leafy suburb in upstate New York, a teenager has been sneaking into houses--and into the owners' computers as well--learning their secrets, and maybe sharing some of them, too. Who is he, and what might he have uncovered? After two anonymous letters are received, whispers start to circulate, and suspicion mounts. And when a woman down the street is found murdered, the tension reaches the breaking point. Who killed her? Who knows more than they're telling? And how far will all these very nice people go to protect their own secrets? In this neighborhood, it's not just the husbands and wives who play games. Here, everyone in the family has something to hide . . . You never really know what people are capable of.

CISSP Exam Study Guide For Security Professionals: 5 Books In 1 - Richie Miller 2022-12-18

If you want to become a Cybersecurity Professional, this book is for you! IT Security jobs are on the rise! Small, medium or large size companies are always on the look out to get on board bright individuals to provide their services for Business as Usual (BAU) tasks or deploying new as well as on-going company projects. Most of these jobs requiring you to be on site but since 2020, companies are willing to negotiate with you if you want to work from home (WFH). Yet, to pass the Job interview, you must have experience. Still, if you think about it, all current IT security professionals at some point had no experience whatsoever. The question is; how did they get the job with no experience? Well, the answer is simpler then you think. All you have to do is convince the Hiring Manager that you are keen to learn and adopt new technologies and you have willingness to continuously research on the latest upcoming methods and techniques revolving around IT security. Here is where this book comes into the picture. Why? Well, if you want to become an IT Security professional, this book is for you! If you are studying for CompTIA Security+ or CISSP, this book will help you pass your exam. Passing security exams isn’t easy. In fact, due to the raising security beaches around the World, both above mentioned exams are becoming more and more difficult to pass. Whether you want to become an Infrastructure Engineer, IT Security Analyst or any other Cybersecurity Professional, this book (as well as the other books in this series) will certainly help you get there! BUY THIS BOOK NOW AND GET STARTED TODAY! In this book you will discover: · Baseline Configuration, Diagrams & IP Management · Data Sovereignty & Data Loss Prevention · Data Masking, Tokenization & Digital Rights Management · Geographical Considerations & Cloud Access Security Broker · Secure Protocols, SSL Inspection & Hashing · API Gateways & Recovery Sites · Honeypots, Fake Telemetry & DNS Sinkhole · Cloud Storage and Cloud Computing · IaaS, PaaS & SaaS · Managed Service Providers, Fog Computing & Edge Computing · VDI, Virtualization &

Containers · Microservices and APIs · Infrastructure as Code (IAC) & Software Defined Networking (SDN) · Service Integrations and Resource Policies · Environments, Provisioning & Deprovisioning · Integrity Measurement & Code Analysis · Security Automation, Monitoring & Validation · Software Diversity, Elasticity & Scalability · Directory Services, Federation & Attestation · Time-Based Passwords, Authentication & Tokens · Proximity Cards, Biometric & Facial Recognition · Vein and Gait Analysis & Efficacy Rates · Geographically Disperse, RAID & Multipath · Load Balancer, Power Resiliency & Replication · Backup Execution Policies · High Availability, Redundancy & Fault Tolerance · Embedded Systems & SCADA Security · Smart Devices / IoT & Special Purpose Devices · HVAC, Aircraft/UAV & MFDs · Real Time Operating Systems & Surveillance Systems · Barricades, Mantraps & Alarms · Cameras, Video Surveillance & Guards · Cable Locks, USB Data Blockers, Safes & Fencing · Motion Detection / Infrared & Proximity Readers · Demilitarized Zone & Protected Distribution System · Shredding, Pulping & Pulverizing · Deguassing, Purging & Wiping · Cryptographic Terminology and History · Digital Signatures, Key Stretching & Hashing · Quantum Communications & Elliptic Curve Cryptography · Quantum Computing, Cipher Modes & XOR Function · Encryptions & Blockchains · Asymmetric/Lightweight Encryption & Steganography · Cipher Suites, Random & Quantum Random Number Generators · Secure Networking Protocols · Host or Application Security Solutions · Coding, Fuzzing & Quality Testing · How to Implement Secure Network Designs · Network Access Control, Port Security & Loop Protection · Spanning Tree, DHCP Snooping & MAC Filtering · Access Control Lists & Route Security · Intrusion Detection and Prevention · Firewalls & Unified Threat Management · How to Install and Configure Wireless Security · How to Implement Secure Mobile Solutions · Geo-tagging & Context-Aware Authentication · How to Apply Cybersecurity Solutions to the Cloud · How to Implement Identity and Account Management Controls · How to Implement Authentication and Authorization Solutions · How to Implement Public Key Infrastructure · Data Sources to Support an Incident · How to Assess Organizational Security · File Manipulation & Packet Captures · Forensics & Exploitation Frameworks · Data Sanitization Tools · How to Apply Policies, Processes and Procedures for Incident Response · Detection and Analysis · Test Scenarios & Simulations · Threat Intelligence Lifecycle · Disaster Recovery & Business Continuity · How to Implement Data Sources to Support an Investigation · Retention Auditing, Compliance & Metadata · How to Implement Mitigation Techniques to Secure an Environment · Mobile Device Management · DLP, Content Filters & URL Filters · Key Aspects of Digital Forensics · Chain of Custody & Legal Hold · First Responder Best Practices · Network Traffic and Logs · Screenshots & Witnesses · Preservation of Evidence · Data Integrity · Jurisdictional Issues & Data Breach Notification Laws · Threat Types & Access Control · Applicable Regulations, Standards, & Frameworks · Benchmarks & Secure Configuration Guides · How to Implement Policies for Organizational Security · Monitoring & Balancing · Awareness & Skills Training · Technology & Vendor Diversity · Change Management & Asset Management · Risk Management Process and Concepts · Risk Register, Risk Matrix, and Heat Map · Regulatory Examples · Qualitative and Quantitative Analysis · Business Impact Analysis · Identification of Critical Systems · Order of Restoration · Continuity of Operations · Privacy and Sensitive Data Concepts · Incident Notification and Escalation · Data Classification · Privacy-enhancing Technologies · Data Owners & Responsibilities · Information Lifecycle BUY THIS BOOK NOW AND GET STARTED TODAY!

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experience. Still, if you think about it, all current IT security professionals at some point had no experience whatsoever. The question is; how did they get the job with no experience? Well, the answer is simpler then you think. All you have to do is convince the Hiring Manager that you are keen to learn and adopt new technologies and you have willingness to continuously research on the latest upcoming methods and techniques revolving around IT security. Here is where this book comes into the picture. Why? Well, if you want to become an IT Security professional, this book is for you! If you are studying for CompTIA Security+ or CISSP, this book will help you pass your exam. Passing security exams isn't easy. In fact, due to the raising security beaches around the World, both above mentioned exams are becoming more and more difficult to pass. Whether you want to become an Infrastructure Engineer, IT Security Analyst or any other Cybersecurity Professional, this book (as well as the other books in this series) will certainly help you get there! BUY THIS BOOK NOW AND GET STARTED TODAY! In this book you will discover: · Secure Networking Protocols · Host or Application Security Solutions · Coding, Fuzzing & Quality Testing · How to Implement Secure Network Designs · Network Access Control, Port Security & Loop Protection · Spanning Tree, DHCP Snooping & MAC Filtering · Access Control Lists & Route Security · Intrusion Detection and Prevention · Firewalls & Unified Threat Management · How to Install and Configure Wireless Security · How to Implement Secure Mobile Solutions · Geo-tagging & Context-Aware Authentication · How to Apply Cybersecurity Solutions to the Cloud · How to Implement Identity and Account Management Controls · How to Implement Authentication and Authorization Solutions · How to Implement Public Key Infrastructure · Data Sources to Support an Incident · How to Assess Organizational Security · File Manipulation & Packet Captures · Forensics & Exploitation Frameworks · Data Sanitization Tools · How to Apply Policies, Processes and Procedures for Incident Response · Detection and Analysis · Test Scenarios & Simulations · Threat Intelligence Lifecycle · Disaster Recovery & Business Continuity · How to Implement Data Sources to Support an Investigation · Retention Auditing, Compliance & Metadata · How to Implement Mitigation Techniques to Secure an Environment · Mobile Device Management · DLP, Content Filters & URL Filters · Key Aspects of Digital Forensics · Chain of Custody & Legal Hold · First Responder Best Practices · Network Traffic and Logs · Screenshots & Witnesses · Preservation of Evidence · Data Integrity · Jurisdictional Issues & Data Breach Notification Laws · Threat Types & Access Control · Applicable Regulations, Standards, & Frameworks · Benchmarks & Secure Configuration Guides · How to Implement Policies for Organizational Security · Monitoring & Balancing · Awareness & Skills Training · Technology & Vendor Diversity · Change Management & Asset Management · Risk Management Process and Concepts · Risk Register, Risk Matrix, and Heat Map · Regulatory Examples · Qualitative and Quantitative Analysis · Business Impact Analysis · Identification of Critical Systems · Order of Restoration · Continuity of Operations · Privacy and Sensitive Data Concepts · Incident Notification and Escalation · Data Classification · Privacy-enhancing Technologies · Data Owners & Responsibilities · Information Lifecycle BUY THIS BOOK NOW AND GET STARTED TODAY!

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