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## **An Introduction to Database Systems** - C. J. Date 2000

For over 25 years, C. J. Date's *An Introduction to Database Systems* has been the authoritative resource for readers interested in gaining insight into and understanding of the principles of database systems. This exciting revision continues to provide a solid grounding in the foundations of database technology and to provide some ideas as to how the field is likely to develop in the future. The material is organized into six major parts. Part I provides a broad introduction to the concepts of database systems in general and relational systems in particular. Part II consists of a careful description of the relational model, which is the theoretical foundation for the database field as a whole. Part III discusses the general theory of database design. Part IV is concerned with transaction management. Part V shows how relational concepts are relevant to a variety of further aspects of database technology—security, distributed databases, temporal data, decision support, and so on. Finally, Part VI describes the impact of object technology on database systems. This Seventh Edition of *An Introduction to Database Systems* features widely rewritten material to improve and amplify treatment of **Advances in Web-Based Learning - ICWL 2004** - Wenyin Liu 2004-12-06

With the rapid development of Web-based learning and new concepts like virtual classrooms, virtual laboratories and virtual universities, many issues need to be addressed. On the technical side, there is a need for effective technology for deployment of Web-based education. On the learning side, the cyber mode of learning is very different from classroom-based learning. How can instructional development cope with this new style of learning? On the management side, the establishment of the cyber university - poses very different requirements for the set-up. Does industry-university partnership provide a solution to addressing the technological and management issues? Why do we need to standardize e-learning and what can we do already? As with many other new developments, more research is needed to establish the concepts and best practice for Web-based learning. ICWL 2004, the 3rd International Conference on Web-Based Learning, was held at the Tsinghua University (Beijing, China) from August 8th to 11th, 2004, as a continued attempt to address many of the above-mentioned issues. Following the great successes of ICWL 2002 (Hong Kong) and ICWL 2003 (Australia), ICWL 2004 aimed at presenting new progress in the technical, pedagogical, as well as management issues of Web-based learning. The conference featured a comprehensive program, including a tutorial session, a keynote talk, a main track for regular paper presentations, and an industrial track. We received 120 papers and accepted only 58 of them in the main track for both oral and poster presentations.

## **Hadoop: The Definitive Guide** - Tom White 2012-05-10

Ready to unlock the power of your data? With this comprehensive guide, you'll learn how to build and maintain reliable, scalable, distributed systems with Apache Hadoop. This book is ideal for programmers looking to analyze datasets of any size, and for administrators who want to set up and run Hadoop clusters. You'll find illuminating case studies that demonstrate how Hadoop is used to solve specific problems. This third edition covers recent changes to Hadoop, including material on the new MapReduce API, as well as MapReduce 2 and its more flexible execution model (YARN). Store large datasets with the Hadoop Distributed File System (HDFS) Run distributed computations with MapReduce Use Hadoop's data and I/O building blocks for compression, data integrity, serialization (including Avro), and persistence Discover common pitfalls and advanced features for writing real-world MapReduce programs Design, build, and administer a dedicated Hadoop cluster—or run Hadoop in the cloud Load data from relational databases into HDFS, using Sqoop Perform large-scale data processing with the Pig query language Analyze datasets with Hive, Hadoop's data warehousing system Take advantage of HBase for structured and semi-structured data, and ZooKeeper for building distributed systems

## **SQL All-in-One For Dummies** - Allen G. Taylor 2011-04-05

The soup-to-nuts guide on all things SQL! SQL, or structured query language, is the international standard language for creating and maintaining relational databases. It is the basis of all major databases in use today and is essential for the storage and retrieval of database information. This fun and friendly guide takes SQL and all its related topics and breaks it down into easily digestible pieces for you to understand. You'll get the goods on relational database design, development, and maintenance, enabling you to start working with SQL right away! Provides an overview of the SQL language and examines how it is integral for the storage and retrieval of database information Includes updates to SQL standards as well as any new features Explores SQL concepts, relational database development, SQL queries, data security, database tuning, and more Addresses the relationship between SQL and programming as well as SQL and XML If you're looking for an up-to-date sequel to the bestselling first edition of *SQL All-in-One For Dummies*, then this is the book for you!

## **SoapUI Cookbook** - Rupert Anderson 2015-02-27

This book is aimed at developers and technical testers who are looking for a quick way to take their SoapUI skills and understanding to the next level. Even if you are new to SoapUI but have basic Java skills and a reasonable grasp of RESTful and Soap web services, then you should have no problem making use of this book.

## **Semantic Applications** - Thomas Hoppe 2018-04-13

This book describes methodologies for developing semantic applications. Semantic applications are software applications which explicitly or implicitly use the semantics, i.e. the meaning of a domain terminology, in order to improve usability, correctness, and completeness. An example is semantic search, where synonyms and related terms are used for enriching the results of a simple text-based search. Ontologies, thesauri or controlled vocabularies are the centerpiece of semantic applications. The book includes technological and architectural best practices for corporate use. The authors are experts from industry and academia with experience in developing semantic applications.

## **Python Tutorial** - Guido Rossum 2018-06-19

Python is an easy to learn, powerful programming language. It has efficient high-level data structures and a simple but effective approach to object-oriented programming. Python's elegant syntax and dynamic typing, together with its interpreted nature, make it an ideal language for scripting and rapid application development in many areas on most platforms. The Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, <https://www.python.org/>, and may be freely distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation. The Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications. This tutorial introduces the reader informally to the basic concepts and features of the Python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self contained, so the tutorial can be read off-line as well. For a description of standard objects and modules, see [library-index](#). [reference-index](#) gives a more formal definition of the language. To write extensions in C or C++, read [extending-index](#) and [c-api-index](#). There are also several books covering Python in depth. This tutorial does not attempt to be comprehensive and cover every single feature, or even every commonly used feature. Instead, it introduces many of Python's most noteworthy features, and will give you a good idea of the language's flavor and style. After reading it, you will be able to read and write Python modules and programs, and you will be ready to learn more about the various Python library modules described in [library-index](#). The Glossary is also worth going through.

XQuery Kick Start - James McGovern 2004

"XQuery Kick Start" delivers a concise introduction to the XQuery standard, and useful implementation advice for developers needing to put it into practice. The book starts by explaining the role of XQuery in the XML family of specifications, and its relationship with XPath. The authors then explain the specification in detail, describing the semantics and data model, before moving to examples using XQuery to manipulate XML databases and document storage systems. Later chapters discuss Java implementations of XQuery and development tools that facilitate the development of Web sites with XQuery. This book is up to date with the latest XQuery specifications, and includes coverage of new features for extending the XQuery language.

Querying XML - Jim Melton 2011-04-08

XML has become the lingua franca for representing business data, for exchanging information between business partners and applications, and for adding structure- and sometimes meaning—to text-based documents. XML offers some special challenges and opportunities in the area of search: querying XML can produce very precise, fine-grained results, if you know how to express and execute those queries. For software developers and systems architects: this book teaches the most useful approaches to querying XML documents and repositories. This book will also help managers and project leaders grasp how "querying XML fits into the larger context of querying and XML. Querying XML provides a comprehensive background from fundamental concepts (What is XML?) to data models (the Infoset, PSVI, XQuery Data Model), to APIs (querying XML from SQL or Java) and more. \* Presents the concepts clearly, and demonstrates them with illustrations and examples; offers a thorough mastery of the subject area in a single book. \* Provides comprehensive coverage of XML query languages, and the concepts needed to understand them completely (such as the XQuery Data Model). \* Shows how to query XML documents and data using: XPath (the XML Path Language); XQuery, soon to be the new W3C Recommendation for querying XML; XQuery's companion XQueryX; and SQL, featuring the SQL/XML \* Includes an extensive set of XQuery, XPath, SQL, Java, and other examples, with links to downloadable code and data samples.

A Tale of Two Systems - Rene Reitsma 2019-08

This text is meant as a case study and companion text to many Systems Analysis & Design textbooks used in undergraduate Management Information Systems (MIS), Business Information Systems (BIS) and Computer Information Systems (CIS) programs. The US counts about 1,300 (undergraduate + graduate) such programs (Mandiwalla et al., 2016). These texts typically contain short descriptions of technologies which give students some sense of what these technologies are used for, but do not provide much context or reflection on why these technologies might or might not be applied and what such applications actually amount to in real life. As a consequence, students, having worked their way through these textbooks and associated courses will have had little exposure to the reasoning which must take place when making choices between these technologies and to what goes into combining them into working and successful system architectures. It is our hope that this Tale of Two Systems (pun very much intended) will help mitigate this problem a little.

Guide to Cloud Computing - Richard Hill 2012-11-28

This book describes the landscape of cloud computing from first principles, leading the reader step-by-step through the process of building and configuring a cloud environment. The book not only considers the technologies for designing and creating cloud computing platforms, but also the business models and frameworks in real-world implementation of cloud platforms. Emphasis is placed on "learning by doing," and readers are encouraged to experiment with a range of different tools and approaches. Topics and features: includes review questions, hands-on exercises, study activities and discussion topics throughout the text; demonstrates the approaches used to build cloud computing infrastructures; reviews the social, economic, and political aspects of the on-going growth in cloud computing use; discusses legal and security concerns in cloud computing; examines techniques for the appraisal of financial investment into cloud computing; identifies areas for further research within this rapidly-moving field.

Beginning PHP and MySQL 5 - W Jason Gilmore 2006-11-25

\* This best-selling title has comprehensive discussions about PHP 5, MySQL 5, and how these two popular open source technologies work together to create powerful websites. \* Updated to reflect the new features found in MySQL's most significant release to date. Readers are introduced to advanced database features like triggers, stored procedures, and views. They learn how to integrate these new

capabilities into their PHP-driven web applications. The book also discusses PHP's new MySQL extension, mysqli, which is required for MySQL versions 4.1 and higher. \* Packed with hundreds of practical examples covering all aspects of web development, including forms management, templating, database integration, Web services, security, and session handling.

Access Denied - Ronald Deibert 2008-01-25

A study of Internet blocking and filtering around the world: analyses by leading researchers and survey results that document filtering practices in dozens of countries. Many countries around the world block or filter Internet content, denying access to information that they deem too sensitive for ordinary citizens—most often about politics, but sometimes relating to sexuality, culture, or religion. Access Denied documents and analyzes Internet filtering practices in more than three dozen countries, offering the first rigorously conducted study of an accelerating trend. Internet filtering takes place in more than three dozen states worldwide, including many countries in Asia, the Middle East, and North Africa. Related Internet content-control mechanisms are also in place in Canada, the United States and a cluster of countries in Europe. Drawing on a just-completed survey of global Internet filtering undertaken by the OpenNet Initiative (a collaboration of the Berkman Center for Internet and Society at Harvard Law School, the Citizen Lab at the University of Toronto, the Oxford Internet Institute at Oxford University, and the University of Cambridge) and relying on work by regional experts and an extensive network of researchers, Access Denied examines the political, legal, social, and cultural contexts of Internet filtering in these states from a variety of perspectives. Chapters discuss the mechanisms and politics of Internet filtering, the strengths and limitations of the technology that powers it, the relevance of international law, ethical considerations for corporations that supply states with the tools for blocking and filtering, and the implications of Internet filtering for activist communities that increasingly rely on Internet technologies for communicating their missions. Reports on Internet content regulation in forty different countries follow, with each two-page country profile outlining the types of content blocked by category and documenting key findings.

Contributors Ross Anderson, Malcolm Birdling, Ronald Deibert, Robert Faris, Vesselina Haralampieva [as per Rob Faris], Steven Murdoch, Helmi Noman, John Palfrey, Rafal Rohozinski, Mary Rundle, Nart Villeneuve, Stephanie Wang, Jonathan Zittrain

Beginning Django E-Commerce - James McGaw 2010-06-21

Beginning Django E-Commerce guides you through producing an e-commerce site using Django, the most popular Python web development framework. Topics covered include how to make a shopping cart, a checkout, and a payment processor; how to make the most of Ajax; and search engine optimization best practices. Throughout the book, you'll take each topic and apply it to build a single example site, and all the while you'll learn the theory behind what you're architecting. Build a fully functional e-commerce site. Learn to architect your site properly to survive in an increasingly competitive online landscape with good search engine optimization techniques. Become versed in the Django web framework and learn how you can put it to use to drastically reduce the amount of work you need to do to get a site up and running quickly.

HTML, XHTML and CSS For Dummies - Ed Tittel 2008-05-27

Now featuring more than 250 color illustrations throughout, this perennially popular guide is a must for novices who want to work with HTML or XHTML, which continue to be the foundation for any Web site. The new edition features nearly 50 percent new and updated content, including expanded coverage of CSS and scripting, new coverage of syndication and podcasting, and new sample HTML projects, including a personal Web page, an eBay auction page, a company Web site, and an online product catalog. The companion Web site features an eight-page expanded Cheat Sheet with ready-reference information on commands, syntax, colors, CSS elements, and more. Covers planning a Web site, formatting Web pages, using CSS, getting creative with colors and fonts, managing layouts, and integrating scripts.

HTML5 and CSS3 All-in-One For Dummies - Andy Harris 2014-01-08

A new edition of a bestseller covers the latest advances in web development! HTML5 and CSS3 are essential tools for creating dynamic websites and boast updates and enhanced features that can make your websites even more effective and unique. This friendly, all-in-one guide covers everything you need to know about each of these technologies and their latest versions so that you can use them together. Building on the bestselling formats of the first two editions, this new edition teaches you the fundamentals of HTML5 and CSS3, and then presents ways for using them with JavaScript, MySQL, and

Ajax to create websites that work. Covers using JavaScript, PHP, MySQL, and Ajax in the context of programming dynamic web pages with CSS3 and HTML5. Includes self-contained minibooks that review HTML, CSS, design and layout, client-side JavaScript, Ajax and server-side, and putting it all together. Examines new web development advancements including new technologies and changes to the standards. Features a website that contains supporting materials including code and several valuable programs that are useful for web development. HTML5 and CSS3 All-in-One For Dummies, 3rd Edition serves as the perfect reference for both web development beginners and seasoned professionals looking to learn more about how to get the most out of the powerful combination of HTML5 and CSS3.

**Practical Machine Learning with Python** - Dipanjan Sarkar  
2017-12-20

Master the essential skills needed to recognize and solve complex problems with machine learning and deep learning. Using real-world examples that leverage the popular Python machine learning ecosystem, this book is your perfect companion for learning the art and science of machine learning to become a successful practitioner. The concepts, techniques, tools, frameworks, and methodologies used in this book will teach you how to think, design, build, and execute machine learning systems and projects successfully. Practical Machine Learning with Python follows a structured and comprehensive three-tiered approach packed with hands-on examples and code. Part 1 focuses on understanding machine learning concepts and tools. This includes machine learning basics with a broad overview of algorithms, techniques, concepts and applications, followed by a tour of the entire Python machine learning ecosystem. Brief guides for useful machine learning tools, libraries and frameworks are also covered. Part 2 details standard machine learning pipelines, with an emphasis on data processing analysis, feature engineering, and modeling. You will learn how to process, wrangle, summarize and visualize data in its various forms. Feature engineering and selection methodologies will be covered in detail with real-world datasets followed by model building, tuning, interpretation and deployment. Part 3 explores multiple real-world case studies spanning diverse domains and industries like retail, transportation, movies, music, marketing, computer vision and finance. For each case study, you will learn the application of various machine learning techniques and methods. The hands-on examples will help you become familiar with state-of-the-art machine learning tools and techniques and understand what algorithms are best suited for any problem. Practical Machine Learning with Python will empower you to start solving your own problems with machine learning today! What You'll Learn Execute end-to-end machine learning projects and systems Implement hands-on examples with industry standard, open source, robust machine learning tools and frameworks Review case studies depicting applications of machine learning and deep learning on diverse domains and industries Apply a wide range of machine learning models including regression, classification, and clustering. Understand and apply the latest models and methodologies from deep learning including CNNs, RNNs, LSTMs and transfer learning. Who This Book Is For IT professionals, analysts, developers, data scientists, engineers, graduate students

**Bash Cookbook** - Carl Albing 2007-05-24

The key to mastering any Unix system, especially Linux and Mac OS X, is a thorough knowledge of shell scripting. Scripting is a way to harness and customize the power of any Unix system, and it's an essential skill for any Unix users, including system administrators and professional OS X developers. But beneath this simple promise lies a treacherous ocean of variations in Unix commands and standards. bash Cookbook teaches shell scripting the way Unix masters practice the craft. It presents a variety of recipes and tricks for all levels of shell programmers so that anyone can become a proficient user of the most common Unix shell -- the bash shell -- and cygwin or other popular Unix emulation packages. Packed full of useful scripts, along with examples that explain how to create better scripts, this new cookbook gives professionals and power users everything they need to automate routine tasks and enable them to truly manage their systems -- rather than have their systems manage them.

**Building Web Applications with Flask** - Italo Maia 2015-06-26

Flask is a powerful web framework that helps you build great projects using your favorite tools. Flask takes the flexible Python programming language and provides a simple template for web development. Once imported into Python, Flask can be used to save time building web applications. It goes against the flow with the microframework concept,

leaving most of the architecture choices to the developer. Through its great API, extensions, and powerful patterns, Flask helps you create simple projects in minutes and complex ones as soon as possible. From the beginning, Building Web Applications with Flask shows you how to utilize Flask's concepts, extensions, and components to create engaging, full-featured web projects. You'll learn how to properly handle forms using WTForms, devise convenient templates with Jinja2 tags and macros, use NoSQL and SQL databases to store user data, test your projects with features and unit tests, create powerful authentication and user authorization, as well as administrative interfaces with ease, and more. As Flask does not enforce an architectural recipe, neither do we! This book makes no coding assumptions on how you should code, leaving you free to experiment.

**Learning XML** - Erik T. Ray 2003-09-22

This second edition of the bestselling Learning XML provides web developers with a concise but grounded understanding of XML (the Extensible Markup Language) and its potential-- not just a whirlwind tour of XML. The author explains the important and relevant XML technologies and their capabilities clearly and succinctly with plenty of real-life projects and useful examples. He outlines the elements of markup--demystifying concepts such as attributes, entities, and namespaces--and provides enough depth and examples to get started. Learning XML is a reliable source for anyone who needs to know XML, but doesn't want to waste time wading through hundreds of web sites or 800 pages of bloated text. For writers producing XML documents, this book clarifies files and the process of creating them with the appropriate structure and format. Designers will learn what parts of XML are most helpful to their team and will get started on creating Document Type Definitions. For programmers, the book makes syntax and structures clear. Learning XML also discusses the stylesheets needed for viewing documents in the next generation of browsers, databases, and other devices. Learning XML illustrates the core XML concepts and language syntax, in addition to important related tools such as the CSS and XSL styling languages and the XLink and XPointer specifications for creating rich link structures. It includes information about three schema languages for validation: W3C Schema, Schematron, and RELAX-NG, which are gaining widespread support from people who need to validate documents but aren't satisfied with DTDs. Also new in this edition is a chapter on XSL-FO, a powerful formatting language for XML. If you need to wade through the acronym soup of XML and start to really use this powerful tool, Learning XML, will give you the roadmap you need.

**Writing Secure Code** - Michael Howard 2003

Covers topics such as the importance of secure systems, threat modeling, canonical representation issues, solving database input, denial-of-service attacks, and security code reviews and checklists.

**Big Data Analytics** - Sanjay Madria 2019-12-12

This book constitutes the refereed proceedings of the 7th International Conference on Big Data analytics, BDA 2019, held in Ahmedabad, India, in December 2019. The 25 papers presented in this volume were carefully reviewed and selected from 53 submissions. The papers are organized in topical sections named: big data analytics: vision and perspectives; search and information extraction; predictive analytics in medical and agricultural domains; graph analytics; pattern mining; and machine learning.

**Flask Web Development** - Miguel Grinberg 2018-03-05

Take full creative control of your web applications with Flask, the Python-based microframework. With the second edition of this hands-on book, you'll learn the framework from the ground up by developing, step-by-step, a real-world project created by author Miguel Grinberg. This refreshed edition accounts for important technology changes that have occurred in the past three years. You'll learn the framework's core functionality, as well as how to extend applications with advanced web techniques such as database migration and web service communication. The first part of each chapter provides you with reference and background for the topic in question, while the second part guides you through a hands-on implementation of the topic. If you have Python experience, this book shows you how to take advantage of the creative freedom Flask provides.

**Beginning Php And Mysql From Novice To Professional: 3Rd Ed** - W. Jason Gilmore 2008-07

Beginning PHP and MySQL: From Novice to Professional, Third Edition offers a comprehensive introduction to two of the most prominent open source technologies on the planet: the PHP scripting language and the MySQL database server. Updated to introduce the features found in MySQL's most significant release to date, readers learn how to take

advantage of the latest features of both technologies to build powerful, manageable, and stable web applications. Essentially three books in one, readers not only profit from extensive introductions to the core features of each technology, but also learn how to effectively integrate the two in order to build robust data-driven applications. Packed with practical examples and insight into the real-world challenges faced by developers based on author W. Jason Gilmore's 7 years of expertise working with these technologies, readers will repeatedly return to this book as both a valuable instructional tool and reference guide.

**Internet of Things, Smart Spaces, and Next Generation Networks and Systems** - Olga Galinina 2020-12-22

This book constitutes the joint refereed proceedings of the 20th International Conference on Next Generation Teletraffic and Wired/Wireless Advanced Networks and Systems, NEW2AN 2020, and the 13th Conference on Internet of Things and Smart Spaces, ruSMART 2020. The conference was held virtually due to the COVID-19 pandemic. The 79 revised full papers presented were carefully reviewed and selected from 225 submissions. The papers of NEW2AN address various aspects of next-generation data networks, with special attention to advanced wireless networking and applications. In particular, they deal with novel and innovative approaches to performance and efficiency analysis of 5G and beyond systems, employed game-theoretical formulations, advanced queuing theory, and stochastic geometry, while also covering the Internet of Things, cyber security, optics, signal processing, as well as business aspects. ruSMART 2020, provides a forum for academic and industrial researchers to discuss new ideas and trends in the emerging areas.

*Learning Web App Development* - Semmy Purewal 2014-02-13

Grasp the fundamentals of web application development by building a simple database-backed app from scratch, using HTML, JavaScript, and other open source tools. Through hands-on tutorials, this practical guide shows inexperienced web app developers how to create a user interface, write a server, build client-server communication, and use a cloud-based service to deploy the application. Each chapter includes practice problems, full examples, and mental models of the development workflow. Ideal for a college-level course, this book helps you get started with web app development by providing you with a solid grounding in the process. Set up a basic workflow with a text editor, version control system, and web browser Structure a user interface with HTML, and include styles with CSS Use JQuery and JavaScript to add interactivity to your application Link the client to the server with AJAX, JavaScript objects, and JSON Learn the basics of server-side programming with Node.js Store data outside your application with Redis and MongoDB Share your application by uploading it to the cloud with CloudFoundry Get basic tips for writing maintainable code on both client and server

Advances in Computer Science and Information Technology. Computer Science and Information Technology - Natarajan Meghanathan 2012-02-13

The three volume set LNICST 84 - LNICST 86 constitute the refereed proceedings of the Second International Conference on Computer Science and Information Technology, CCSIT 2012, held in Bangalore, India, in January 2012. The 55 revised full papers presented in this volume were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on advances in computer science and information technology; and ad hoc and ubiquitous computing.

**Creative Thursday** - Marisa Anne Cummings 2012-12-27

Learn to make creativity a daily habit! Whether you're just beginning to trust your artistic voice or you've been refining it for years, Marisa Anne is the loving guide and caring mentor you need to help you commit to moving through resistance, stepping outside of your comfort zone and making creativity a regular part of your life.

Beginning Rust Programming - Ric Messier 2021-03-09

Quickly learn the ropes with the Rust programming language using this practical, step-by-step guide In *Beginning Rust Programming*, accomplished programmer and author Ric Messier delivers a highly practical, real-world guide to coding with Rust. Avoiding dry, theoretical content and "Hello, world"-type tutorials of questionable utility, the book dives immediately into functional Rust programming that takes advantage of the language's blazing speed and memory efficiency. Designed from the ground up to give you a running start to using the multiparadigm system programming language, this book will teach you to: Solve real-world computer science problems of practical importance Use Rust's rich type system and ownership model to guarantee memory-safety and thread-safety Integrate Rust with other programming

languages and use it for embedded devices Perfect for programmers with some experience in other languages, like C or C++, *Beginning Rust Programming* is also a great pick for students new to programming and seeking a user-friendly and robust language with which to start their coding career.

Cocos2d-x - 2018-02-01

Cocos2d-x is a powerful 2D game engine for mobile devices. It is written in C++ and provides a rich set of features for creating 2D games. The engine is easy to use and has a large community of developers. It is supported on a wide range of platforms, including iOS, Android, and Windows. The engine is also highly extensible, allowing developers to customize it to their needs. Cocos2d-x is a great choice for developers looking to create 2D games for mobile devices.

*Peer-to-Peer Systems* - Mass.) Iptps 200 (2002 Cambridge 2002-10-09 Presents a collection of papers from the First International Workshop on Peer-to-Peer Systems, covering such topics as structure overlay routing protocols, anonymous overlays, applications, and data management.

**Beginning JSP 2** - Sathya Narayana Panduranga 2004-05-10

\* Knowledge building, confidence building - Takes the reader further and quicker than they thought possible - from a little HTML knowledge to the essentials of the Java language, JSP, MySQL, SQL, Struts. \* Practical - Contains case studies that show the reader how to use JSP to build common types of web sites using tools used in production applications (such as the Struts Framework) that the reader can then extend as they explore JSP further. \* Career building—provides a way into the real world of programming for readers with no previous programming experience.

*AWS Certified Cloud Practitioner Study Guide with Online Labs* - Ben Piper 2020-07-28

Virtual, hands-on learning labs allow you to apply your technical skills in realistic environments. So Sybex has bundled AWS labs from XtremeLabs with our popular *AWS Certified Cloud Practitioner Study Guide* to give you the same experience working in these labs as you prepare for the Certified Cloud Practitioner Exam that you would face in a real-life application. These labs in addition to the book are a proven way to prepare for the certification and for work as an AWS Cloud Practitioner. The *AWS Certified Cloud Practitioner Study Guide: Exam CLF-C01* provides a solid introduction to this industry-leading technology, relied upon by thousands of businesses across the globe, as well as the resources you need to prove your knowledge in the AWS Certification Exam. This guide offers complete and thorough treatment of all topics included in the exam, beginning with a discussion of what the AWS cloud is and its basic global infrastructure and architectural principles. Other chapters dive into the technical, exploring core characteristics of deploying and operating in the AWS Cloud Platform, as well as basic security and compliance aspects and the shared security model. In addition, the text identifies sources of documentation or technical assistance, such as white papers or support tickets. To complete their coverage, the authors discuss the AWS Cloud value proposition and define billing, account management, and pricing models. This includes describing the key services AWS can provide and their common use cases (e.g., compute, analytics, etc.). Distinguish yourself as an expert by obtaining a highly desirable certification in a widely used platform Hone your skills and gain new insights on AWS whether you work in a technical, managerial, sales, purchasing, or financial field Fully prepare for this new exam using expert content and real-world knowledge, key exam essentials, chapter review questions, and other textual resources Benefit from access to the Sybex online interactive learning environment and test bank, including chapter tests, practice exams, key term glossary, and electronic flashcards XtremeLabs virtual labs that run from your browser. The registration code is included with the book and gives you 6 months unlimited access to XtremeLabs AWS Certified Cloud Practitioner Labs with 8 unique lab modules based on the book. The *AWS Certified Cloud Practitioner Study Guide* is essential reading for any professional in IT or other fields that work directly with AWS, soon-to-be graduates studying in those areas, or anyone hoping to prove themselves as an AWS Certified Cloud Practitioner.

Hello World! - Warren Sande 2009

Presents a guide for beginners on the fundamentals of computer programming using the Python language.

Secrets of Electronic Commerce - 2009

Part of International Trade Centre's (ITC's) Trade Secrets series, this book provides extensive information, resources and advice on electronic commerce. The guide's question and answer format allows users to focus on areas of particular interest, while at the same time covering the myriad issues linked to selling and buying via the Internet.

*Implementation and Application of Functional Languages* - Marco T. Morazán 2010-10-27

This book constitutes the thoroughly refereed post-proceedings of the 21st International Workshop on Implementation and Applications of Functional Languages, IFL 2000, held in South Orange, NJ, USA, in September 2009. The 13 revised full papers presented were carefully reviewed and were selected from numerous submissions. The IFL symposia bring together researchers and practitioners that are actively engaged in the implementation and the use of functional and function based programming languages. Every year IFL provides a venue for the presentation and discussion of new ideas and concepts, of work in progress, and of publication-ripe results.

*DBMS Lab Manual* - Jitendra Patel 2012-12-01

This manual is specially written for Students who are interested in understanding Structured Query Language and PL-SQL concepts in the Computer Engineering and Information technology field and wants to gain enhance knowledge about power of SQL Language in Relational Database Management System Development. The manual covers practical point of view in all aspects of SQL and PL/SQL including DDL, DML, DCL sublanguages, also there are practices for Views, Group by, Having Clause. All PL-SQL concepts like Condition and Loop Structures, Functions and Procedures, Cursor, Triggers, Locks are illustrated using best examples

**Web Technologies** - Uttam Kumar Roy 2010

Web Technologies is specially designed as a textbook for undergraduate students of Computer Science & Engineering and Information Technology and postgraduate students of Computer Applications. The book seeks to provide a thorough understanding of fundamentals of Web Technologies. Divided into four sections, the book first introduces basic concepts such as Introduction to Web, HTTP, Java Network Programming, HTML, and Cascading Style Sheets (CSS). The following three sections describe various applications of web technologies, namely, XML, client-side scripting, and server-side scripting. The second section on XML Technologies focuses on concepts such as XML Namespace, DTD, and Schema, parsing in XML, concept of XPath, XML Transformation and other XML technologies. The third section dealing with client-side programming includes JavaScript and Applets and the last section introduces server-side programming including CGI, Servlets, JSP, and Introduction to J2EE. Presenting the concepts in comprehensive and lucid manner, the book includes numerous real-world examples and codes for better understanding of the subject. Moreover, the text is supported with illustrations, screenshots, review questions,

and exercises.

**CompTIA PenTest+ Study Guide** - Mike Chapple 2018-10-15

World-class preparation for the new PenTest+ exam The CompTIA PenTest+ Study Guide: Exam PT0-001 offers comprehensive preparation for the newest intermediate cybersecurity certification exam. With expert coverage of Exam PT0-001 objectives, this book is your ideal companion throughout all stages of study; whether you're just embarking on your certification journey or finalizing preparations for the big day, this invaluable resource helps you solidify your understanding of essential skills and concepts. Access to the Sybex online learning environment allows you to study anytime, anywhere with electronic flashcards, a searchable glossary, and more, while hundreds of practice exam questions help you step up your preparations and avoid surprises on exam day. The CompTIA PenTest+ certification validates your skills and knowledge surrounding second-generation penetration testing, vulnerability assessment, and vulnerability management on a variety of systems and devices, making it the latest go-to qualification in an increasingly mobile world. This book contains everything you need to prepare; identify what you already know, learn what you don't know, and face the exam with full confidence! Perform security assessments on desktops and mobile devices, as well as cloud, IoT, industrial and embedded systems Identify security weaknesses and manage system vulnerabilities Ensure that existing cybersecurity practices, configurations, and policies conform with current best practices Simulate cyberattacks to pinpoint security weaknesses in operating systems, networks, and applications As our information technology advances, so do the threats against it. It's an arms race for complexity and sophistication, and the expansion of networked devices and the Internet of Things has integrated cybersecurity into nearly every aspect of our lives. The PenTest+ certification equips you with the skills you need to identify potential problems—and fix them—and the CompTIA PenTest+ Study Guide: Exam PT0-001 is the central component of a complete preparation plan.

*MySQL for Python* - Albert Lukaszewski 2010-09-21

This is a practical, tutorial-style book that includes many examples to demonstrate the full potential of MySQL for Python. Every chapter starts with an explanation of the various areas for using MySQL for Python and ends with work on a sample application using the programming calls just learned. All complicated concepts are broken down to be very easy to understand. Everything in the book is designed to help you learn and use MySQL for Python to address your programming needs in the fastest way possible. This book is meant for intermediate users of Python who want hassle-free access to their MySQL database through Python. If you are a Python programmer who wants database-support in your Python applications, then this book is for you. This book is a must-read for every focused user of the MySQL for Python library who wants real-world applications using this powerful combination of Python and MySQL.