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The Little Prince - Antoine de Saint-Exupery 2018-06-06
“When I fly among the stars and see the lights in the distance, I say to myself that this is my little Consuelo is calling me...” Antoine de Saint-Exupery wrote about love for his wife. A graceful Consuelo Suncin inspired an outstanding French writer, poet and pilot to create a beautiful rose in his famous all over the world book *The Little Prince*. The book that became a real bestseller of the twentieth century.

Strategic Planning For Dummies - Erica Olsen 2011-03-03
If you’re starting a new business or planning your business’s future, there are plenty of things you should take into account. *Strategic Planning For Dummies* covers everything you need to know to develop a plan for building and maintaining a competitive advantage – no matter what business you’re in. Written by Erica Olsen, founder and President of a business development firm that helps entrepreneurial-minded businesses plan for a successful future, this handy guide covers all the basics, including: How a strategic plan is different

than a business plan
Establishing a step-based planning process
Planning for and encouraging growth
Taking a long-view of your organization
Evaluating past performance
Defining and refining your mission, values, and vision
Sizing up your current situation
Examining your industry landscape
Setting your strategic priorities
Planning for unknown contingencies
If you’re in business, you have to plan for everything – especially if you intend your business to grow. Whether you’re planning for a small business, large conglomerate, nonprofit, or even a government agency, this book has the planning specifics you need for your organization. Step-by-step, you’ll learn how to lay the foundations for a plan, understand how your plan will affect your business, form planning teams, discover what your strengths are, see where you are, and, finally, plan where you’re going. And there’s much more: Learn to analyze business trends that will determine your business’s future
Set measurable, realistic goals that you can plan for and achieve
Make strategic planning a

habitual part of the organization Prioritize multiple strategies that you can implement simultaneously Set a defining vision for the organization that guides all your planning and strategy This friendly, simple guide puts the power of strategic planning in the palm of your hand. For small businesses that can't afford to hire strategic planning consultants, it's even more imperative. Careful, constant planning is the only way to handle an uncertain business future. With this book, you'll have all the step-by-step guidance you need to ensure you're ready for anything that comes.

PIC Microcontrollers - Milan Verle 2009

Assembly Language for Intel-based Computers - Kip R. Irvine 2007

This widely used, fully updated assembly language book provides basic information for the beginning programmer interested in computer architecture, operating systems, hardware manipulation, and compiler writing. Uses the Intel IA-32 processor family as its base, showing how to program for Windows and DOS. Is written in a clear and straightforward manner for high readability. Includes a companion CD-ROM with all sample programs, and Microsoftreg; Macro Assembler Version 8, along with an extensive companion Website maintained by the author. Covers machine architecture, processor architecture, assembly language fundamentals, data transfer, addressing and arithmetic, procedures, conditional processing, integer arithmetic, strings and arrays, structures and macros, 32-bit Windows programming, language interface, disk fundamentals, BIOS-level programming, MS-DOS programming, floating-point programming, and IA-32 instruction encoding. For embedded systems programmers and engineers, communication

specialists, game programmers, and graphics programmers. Last Olympian, The (Percy Jackson and the Olympians, Book 5) - Rick Riordan 2009-05-02

All year the half-bloods have been preparing for battle against the Titans, knowing the odds of victory are grim. Kronos's army is stronger than ever, and with every god and half-blood he recruits, the evil Titan's power only grows. While the Olympians struggle to contain the rampaging monster Typhon, Kronos begins his advance on New York City, where Mount Olympus stands virtually unguarded. Now it's up to Percy Jackson and an army of young demigods to stop the Lord of Time.

Oracle PL/SQL Programming - Steven Feuerstein 2002

The authors have revised and updated this bestseller to include both the Oracle8i and new Oracle9i Internet-savvy database products.

The Psychology of the Language Learner - Zoltán Dörnyei 2014-04-04

Research results over the past decades have consistently demonstrated that a key reason why many second language learners fail--while some learners do better with less effort--lies in various learner attributes such as personality traits, motivation, or language aptitude. In psychology, these attributes have traditionally been called "individual differences." The scope of individual learner differences is broad--ranging from creativity to learner styles and anxiety--yet there is no current, comprehensive, and unified volume that provides an overview of the considerable amount of research conducted on various language learner differences, until now. Each chapter in this new volume focuses on a different individual difference variable. Besides a review of the relevant second language literature, Zoltán Dörnyei presents a concise overview of the

psychological research involving each topic. A key concern for the author has been to define the various learner factors as measurable constructs and therefore the discussion includes a summary of the most famous tests and questionnaires in each domain. A wide range of readers will benefit from this book--students in linguistics, applied linguistics, modern languages, and psychology programs; second language teachers participating in in-service training courses; and researchers in second language acquisition and psychology.

About Face - Alan Cooper 2014-09-02

The essential interaction design guide, fully revised and updated for the mobile age *About Face: The Essentials of Interaction Design, Fourth Edition* is the latest update to the book that shaped and evolved the landscape of interaction design. This comprehensive guide takes the worldwide shift to smartphones and tablets into account. New information includes discussions on mobile apps, touch interfaces, screen size considerations, and more. The new full-color interior and unique layout better illustrate modern design concepts. The interaction design profession is blooming with the success of design-intensive companies, priming customers to expect "design" as a critical ingredient of marketplace success. Consumers have little tolerance for websites, apps, and devices that don't live up to their expectations, and the responding shift in business philosophy has become widespread. *About Face* is the book that brought interaction design out of the research labs and into the everyday lexicon, and the updated Fourth Edition continues to lead the way with ideas and methods relevant to today's design practitioners and developers. Updated information

includes: Contemporary interface, interaction, and product design methods Design for mobile platforms and consumer electronics State-of-the-art interface recommendations and up-to-date examples Updated Goal-Directed Design methodology Designers and developers looking to remain relevant through the current shift in consumer technology habits will find *About Face* to be a comprehensive, essential resource.

Research Handbook on the Ombudsman - Marc Hertogh
2018-11-30

The public sector ombudsman has become one of the most important administrative justice institutions in many countries around the world. This international and interdisciplinary *Research Handbook* brings together leading scholars and practitioners to discuss the state-of-the-art of ombudsman research. It uses new empirical studies and competing theoretical explanations to critically examine important aspects of the ombudsman's work. This comprehensive Handbook is of value to academics designing future ombudsman studies and practitioners and policymakers in understanding the future challenges of the ombudsman.

Assembly Language for X86 Processors - Kip R. Irvine
2017-07-13

Assembly language is as close to writing machine code as you can get without writing in pure hexadecimal. Since it is such a low-level language, it's not practical in all cases, but should definitely be considered when you're looking to maximize performance. With *Assembly Language* by Chris Rose, you'll learn how to write x64 assembly for modern CPUs, first by writing inline assembly for 32-bit applications, and then writing native assembly for C++ projects. You'll learn the basics of memory spaces, data segments, CISC

instructions, SIMD instructions, and much more. Whether you're working with Intel, AMD, or VIA CPUs, you'll find this book a valuable starting point since many of the instructions are shared between processors. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject .We hope you find this book useful in shaping your future career & Business.

Java Performance: The Definitive Guide - Scott Oaks
2014-04-10

Coding and testing are often considered separate areas of expertise. In this comprehensive guide, author and Java expert Scott Oaks takes the approach that anyone who works with Java should be equally adept at understanding how code behaves in the JVM, as well as the tunings likely to help its performance. You'll gain in-depth knowledge of Java application performance, using the Java Virtual Machine (JVM) and the Java platform, including the language and API. Developers and performance engineers alike will learn a variety of features, tools, and processes for improving the way Java 7 and 8 applications perform. Apply four principles for obtaining the best results from performance testing Use JDK tools to collect data on how a Java application is performing Understand the advantages and disadvantages of using a JIT compiler Tune JVM garbage collectors to affect programs as little as possible Use techniques to manage heap memory and JVM native memory

Maximize Java threading and synchronization performance features Tackle performance issues in Java EE and Java SE APIs Improve Java-driven database application performance

The Welsh Language in the Digital Age - Georg Rehm
2014-01-27

This white paper is part of a series that promotes knowledge about language technology and its potential. It addresses educators, journalists, politicians, language communities and others. The availability and use of language technology in Europe varies between languages. Consequently, the actions that are required to further support research and development of language technologies also differ for each language. The required actions depend on many factors, such as the complexity of a given language and the size of its community. META-NET, a Network of Excellence funded by the European Commission, has conducted an analysis of current language resources and technologies. This analysis focused on the 23 official European languages as well as other important national and regional languages in Europe. The results of this analysis suggest that there are many significant research gaps for each language. A more detailed expert analysis and assessment of the current situation will help maximise the impact of additional research and minimize any risks. META-NET consists of 54 research centres from 33 countries that are working with stakeholders from commercial businesses, government agencies, industry, research organisations, software companies, technology providers and European universities. Together, they are creating a common technology vision while developing a strategic research agenda that shows how language technology applications can address any research gaps by 2020.

Data Science and Big Data Analytics - EMC Education Services 2015-01-05

Data Science and Big Data Analytics is about harnessing the power of data for new insights. The book covers the breadth of activities and methods and tools that Data Scientists use. The content focuses on concepts, principles and practical applications that are applicable to any industry and technology environment, and the learning is supported and explained with examples that you can replicate using open-source software. This book will help you: Become a contributor on a data science team Deploy a structured lifecycle approach to data analytics problems Apply appropriate analytic techniques and tools to analyzing big data Learn how to tell a compelling story with data to drive business action Prepare for EMC Proven Professional Data Science Certification Corresponding data sets are available from the book's page at Wiley which you can find on the Wiley site by searching for the ISBN 9781118876138. Get started discovering, analyzing, visualizing, and presenting data in a meaningful way today!

PC Hardware: A Beginner's Guide - Ron Gilster 2001-05-17

Ideal for PC owners looking for an accessible, easy-to-follow reference, this beginner's guide to PC hardware offers expert advice on every component--processors, motherboards, memory, BIOS, CD-ROM and DVD drives, video cards, and much more. You'll also get details on external devices, including monitors, printers, keyboards, and modems. The book covers both Intel and non-Intel CPUs and USB and AGP ports.

Code - 1999

Routledge Encyclopedia of Translation Technology - Sin-

Wai Chan 2014-11-13

The Routledge Encyclopedia of Translation Technology provides a state-of-the art survey of the field of computer-assisted translation. It is the first definitive reference to provide a comprehensive overview of the general, regional and topical aspects of this increasingly significant area of study. The Encyclopedia is divided into three parts: Part One presents general issues in translation technology, such as its history and development, translator training and various aspects of machine translation, including a valuable case study of its teaching at a major university; Part Two discusses national and regional developments in translation technology, offering contributions covering the crucial territories of China, Canada, France, Hong Kong, Japan, South Africa, Taiwan, the Netherlands and Belgium, the United Kingdom and the United States Part Three evaluates specific matters in translation technology, with entries focused on subjects such as alignment, bitext, computational lexicography, corpus, editing, online translation, subtitling and technology and translation management systems. The Routledge Encyclopedia of Translation Technology draws on the expertise of over fifty contributors from around the world and an international panel of consultant editors to provide a selection of articles on the most pertinent topics in the discipline. All the articles are self-contained, extensively cross-referenced, and include useful and up-to-date references and information for further reading. It will be an invaluable reference work for anyone with a professional or academic interest in the subject.

Ultimate Phrasal Verb Book - Carl W. Hart 2017-03-08

Updated to reflect questions found on the most recent

ESL tests, this book presents 400 common phrasal verbs as they are used in everyday English. Phrasal verbs are verbs combined with prepositions or adverbs. Familiarity with phrasal verbs and understanding their use as nouns (breakup, showoff, etc.) or adjectives (spaced-out, broken-down, stressed-out, and many others) is essential to ESL students. Updated information includes: the most commonly used phrasal verbs; activities and examples that reflect our current technology and the world around us; an expanded introduction for the teacher with a thorough breakdown and explanation of phrasal verbs; and, a discussion of separable and inseparable phrasal verbs in Unit I, and more. This book's hundreds of examples in context and hundreds of exercises will be extremely useful to ESL students who are preparing for TOEFL or who simply wish to improve their English.

Cambridge IGCSE Computer Science - David Watson
2015-01-30

Endorsed by Cambridge International Examinations. Develop your students computational thinking and programming skills with complete coverage of the latest syllabus from experienced examiners and teachers. - Follows the order of the syllabus exactly, ensuring complete coverage - Introduces students to self-learning exercises, helping them learn how to use their knowledge in new scenarios Accompanying animation files of the key concepts are available to download for free online. See the Quick Links to the left to access. This book covers the IGCSE (0478), 0 Level (2210) and US IGCSE entry (0473) syllabuses, which are for first examination 2015. It may also be a useful reference for students taking the new Computer Science AS level course (9608).

Learning PHP 7 High Performance - Altaf Hussain
2016-04-25

Improve the performance of your PHP application to ensure the application users aren't left waiting About This Book Make the optimum use of PHP coding to improve your programming productivity Leverage the potential of PHP for server-side programming, memory management, and object-oriented programming Packed with real-life examples to help the readers implement concepts as they learn Who This Book Is For This book is for those who have basic experience in PHP programming. If you are developing performance-critical applications, then this book is for you. What You Will Learn Setup high performance development and production environment for PHP 7 Discover new OOP features in PHP 7 to achieve high performance Improve your PHP applications' performance Attain improved database performance Benchmark PHP applications to optimize them Write quality code by learning to improve code reusability, simplicity, and expressiveness Get rid of the bottlenecks in your PHP 7 applications by writing PHP code optimally Tackle issues related to web applications, such as high user dependency and large datasets In Detail PHP is a great language for building web applications. It is essentially a server-side scripting language that is also used for general-purpose programming. PHP 7 is the latest version, providing major backward-compatibility breaks and focusing on high performance and speed. This fast-paced introduction to PHP 7 will improve your productivity and coding skills. The concepts covered will allow you, as a PHP programmer, to improve the performance standards of your applications. We will introduce you to the new features in PHP 7 and then will run through the concepts of object-oriented programming (OOP) in PHP 7. Next, we will shed some light on how to improve your PHP 7 applications' performance and

database performance. Through this book, you will be able to improve the performance of your programs using the various benchmarking tools discussed. At the end, the book discusses some best practices in PHP programming to help you improve the quality of your code. Style and approach The book is a step-by-step guide to improve the quality of your code in PHP through real-time examples. The book takes a practical approach to improving the quality of your code.

Assembly Language Step-by-step - Jeff Duntemann
2017-07-13

Assembly language is as close to writing machine code as you can get without writing in pure hexadecimal. Since it is such a low-level language, it's not practical in all cases, but should definitely be considered when you're looking to maximize performance. With *Assembly Language* by Chris Rose, you'll learn how to write x64 assembly for modern CPUs, first by writing inline assembly for 32-bit applications, and then writing native assembly for C++ projects. You'll learn the basics of memory spaces, data segments, CISC instructions, SIMD instructions, and much more. Whether you're working with Intel, AMD, or VIA CPUs, you'll find this book a valuable starting point since many of the instructions are shared between processors. This updated and expanded second edition of *Book* provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject .We hope you find this

book useful in shaping your future career & Business.

Multilingual Law - Colin D Robertson 2016-06-17
This book introduces and explores the concept of multilingual law. Providing an overview as to what is 'multilingual law', the study establishes a new discourse based on this concept, which has hitherto lacked recognition for reasons of complexity and multidisciplinary. The need for such a discourse now exists and is becoming urgent in view of the progress being made towards European integration and the legal and factual foundation for it in multilingualism and multilingual legislation. Covering different types of multilingual legal orders and their distinguishing features, as well as the basic structure of legal systems, the author studies policy formation, drafting, translation, revision, terminology and computer tools in connection with the legislative and judicial processes. Bringing together a range of diverse legal and linguistic ideas under one roof, this book is of importance to legal-linguists, drafters and translators, as well as students and scholars of legal linguistics, legal translation and revision.

The Psychology of Language - Trevor A. Harley 2013-12-16
This thorough revision and update of the popular second edition contains everything the student needs to know about the psychology of language: how we understand, produce, and store language.

Contemporary Discourses of Hate and Radicalism across Space and Genres - Monika Kopytowska 2017-11-15
This unique volume brings together various academic voices and critical reflections on discursive manifestations of hate and radicalism in contemporary public discourses. The authors venture into an array of socio-political contexts and public spaces, providing a

compelling overview of similarities and divergences, continuities and discontinuities, outward hatred and the “politics of denial”, the use of collective symbols and construction of individual identities. Multiple genres are taken under scrutiny, including blogs, forums, internet websites and newspaper coverage, political speeches and debates, news reports and broadcast interactions, with a view to capturing the themes and pragma-rhetorical strategies within texts abundant with radical and hateful messages. In addition to examining discourse dynamics and the underlying logic of such texts, the contributors to this monograph explore the ideological motivations and the consequences they might have for social actions on both an individual and collective level. Highly relevant in the contemporary world, divided by conflicts, power and resource struggles, right-wing extremism, and crusades against the imaginary Other, the book presents state-of-the-art interdisciplinary research that should be of interest to specialists in pragmatics, rhetoric, sociolinguistics, discourse analysis, corpus linguistics, as well as media and communication studies. Originally published as a special issue of *Journal of Language Aggression and Conflict* 3:1 (2015).

Library and Information Studies for Arctic Social Sciences and Humanities - Spencer Acadia 2020-11-26

Library and Information Studies for Arctic Social Sciences and Humanities serves as a key interdisciplinary title that links the social sciences and humanities with current issues, trends, and projects in library, archival, and information sciences within shared Arctic frameworks and geographies. Including contributions from professionals and academics working across and on the Arctic, the book presents recent

research, theoretical inquiry, and applied professional endeavours at academic and public libraries, as well as archives, museums, government institutions, and other organisations. Focusing on efforts that further Arctic knowledge and research, papers present local, regional, and institutional case studies to conceptually and empirically describe real-life research in which the authors are engaged. Topics covered include the complexities of developing and managing multilingual resources; working in geographically isolated areas; curating combinations of local, regional, national, and international content collections; and understanding historical and contemporary colonial-industrial influences in indigenous knowledge. *Library and Information Studies for Arctic Social Sciences and Humanities* will be essential reading for academics, researchers, and students working the fields of library, archival, and information or data science, as well as those working in the humanities and social sciences more generally. It should also be of great interest to librarians, archivists, curators, and information or data professionals around the globe.

Professional Development of English Language Teachers in Asia - Kayoko Hashimoto 2018-05-16

Why has English language proficiency in Japan remained so low in comparison to other Asian countries? Has Vietnam attempted to improve English language teaching because ASEAN has adopted English as its working language? Why do English language teachers struggle with curriculum changes imposed by governments in order to make them competitive in the international community? Do professional development (PD) programs actually meet the needs of teachers? This book addresses issues surrounding these questions by examining how the

Japanese and Vietnamese governments have approached and defined the PD of English language teachers and how such PD programs have been delivered. It further analyses the impact of policy changes on individual teachers and explores how PD can help teachers to implement such changes effectively at the micro-level. PD of language teachers or language teacher education is relatively new as a field of inquiry in Applied Linguistics. By including case studies of Japan and Vietnam in the one volume, this book embarks on the challenging task of demonstrating that PD is an essential element of the successful implementation of language policies in Asia, where World Englishes have been shaped by distinct local contexts.

The Welsh Language Commissioner in Context - Professor Diarmait Mac Giolla 2016-07-20

This research monograph is the first authoritative work on the office of the Welsh Language Commissioner and the associated Welsh language regulatory and statutory regime. In setting the Commissioner in context – in Wales, the UK and internationally – the work draws upon a rich variety of source material arising from fieldwork conducted in a number of jurisdictions. The research data includes, for example, an extensive series of documents obtained under a number of Freedom of Information applications, in-depth interviews with key actors from pertinent legislatures, governments, regulatory offices, interest groups and civic society. The linguistic coverage of source material includes English and Welsh, as well as, where relevant, Irish, German, Catalan, Spanish, French and Basque, in a publication which is multi-disciplinary in approach, engaging with the scholarly and professional literature in language policy and planning, socio-legal studies and

the politics of language.

Reading Law - Antonin Scalia 2012

In this groundbreaking book, Scalia and Garner systematically explain all the most important principles of constitutional, statutory, and contractual interpretation in an engaging and informative style with hundreds of illustrations from actual cases. Is a burrito a sandwich? Is a corporation entitled to personal privacy? If you trade a gun for drugs, are you using a gun in a drug transaction? The authors grapple with these and dozens of equally curious questions while explaining the most principled, lucid, and reliable techniques for deriving meaning from authoritative texts. Meanwhile, the book takes up some of the most controversial issues in modern jurisprudence. What, exactly, is textualism? Why is strict construction a bad thing? What is the true doctrine of originalism? And which is more important: the spirit of the law, or the letter? The authors write with a well-argued point of view that is definitive yet nuanced, straightforward yet sophisticated.

Understanding Morphology - Martin Haspelmath 2013-10-28

This new edition of *Understanding Morphology* has been fully revised in line with the latest research. It now includes 'big picture' questions to highlight central themes in morphology, as well as research exercises for each chapter. *Understanding Morphology* presents an introduction to the study of word structure that starts at the very beginning. Assuming no knowledge of the field of morphology on the part of the reader, the book presents a broad range of morphological phenomena from a wide variety of languages. Starting with the core areas of inflection and derivation, the book presents the interfaces between morphology and syntax and between

morphology and phonology. The synchronic study of word structure is covered, as are the phenomena of diachronic change, such as analogy and grammaticalization. Theories are presented clearly in accessible language with the main purpose of shedding light on the data, rather than as a goal in themselves. The authors consistently draw on the best research available, thus utilizing and discussing both functionalist and generative theoretical approaches. Each chapter includes a summary, suggestions for further reading, and exercises. As such this is the ideal book for both beginning students of linguistics, or anyone in a related discipline looking for a first introduction to morphology.

Low-Level Programming - Igor Zhirkov 2017-06-27

Learn Intel 64 assembly language and architecture, become proficient in C, and understand how the programs are compiled and executed down to machine instructions, enabling you to write robust, high-performance code. Low-Level Programming explains Intel 64 architecture as the result of von Neumann architecture evolution. The book teaches the latest version of the C language (C11) and assembly language from scratch. It covers the entire path from source code to program execution, including generation of ELF object files, and static and dynamic linking. Code examples and exercises are included along with the best code practices. Optimization capabilities and limits of modern compilers are examined, enabling you to balance between program readability and performance. The use of various performance-gain techniques is demonstrated, such as SSE instructions and pre-fetching. Relevant Computer Science topics such as models of computation and formal grammars are addressed, and their practical value explained. What You'll Learn Low-Level Programming teaches programmers to: Freely

write in assembly language Understand the programming model of Intel 64 Write maintainable and robust code in C11 Follow the compilation process and decipher assembly listings Debug errors in compiled assembly code Use appropriate models of computation to greatly reduce program complexity Write performance-critical code Comprehend the impact of a weak memory model in multi-threaded applications Who This Book Is For Intermediate to advanced programmers and programming students *Raspberry Pi Assembly Language Programming* - Stephen Smith 2019-10-23

Gain all the skills required to dive into the fundamentals of the Raspberry Pi hardware architecture and how data is stored in the Pi's memory. This book provides you with working starting points for your own projects while you develop a working knowledge of Assembly language programming on the Raspberry Pi. You'll learn how to interface to the Pi's hardware including accessing the GPIO ports. The book will cover the basics of code optimization as well as how to inter-operate with C and Python code, so you'll develop enough background to use the official ARM reference documentation for further projects. With Raspberry Pi Assembly Language Programming as your guide you'll study how to read and reverse engineer machine code and then apply those new skills to study code examples and take control of your Pi's hardware and software both. What You'll Learn Program basic ARM 32-Bit Assembly Language Interface with the various hardware devices on the Raspberry Pi Comprehend code containing Assembly language Use the official ARM reference documentation Who This Book Is For Coders who have already learned to program in a higher-level language like Python, Java, C#, or C and now wish to learn Assembly programming.

RP2040 Assembly Language Programming - Stephen Smith
2021-10-28

Learn to program the Raspberry Pi Pico's dual ARM Cortex M0+ CPUs in Assembly Language. The Pico contains a customer System on a Chip (SoC) called the RP2040, making it the Foundation's first entry into the low-cost microcontroller market. The RP2040 contains a wealth of coprocessors for performing arithmetic as well as performing specialized I/O functionality. This book will show you how these CPUs work from a low level, easy-to-learn perspective. There are eight new Programmable I/O (PIO) coprocessors that have their own specialized Assembly Language supporting a wide variety of interface protocols. You'll explore these protocols and write programs or functions in Assembly Language and interface to all the various bundled hardware interfaces. Then go beyond working on your own board and projects to contribute to the official RP2040 SDK. Finally, you'll take your DIY hardware projects to the next level of performance and functionality with more advanced programming skills. What You'll Learn Read and understand the Assembly Language code that is part of the Pico's SDK Integrate Assembly Language and C code together into one program Interface to available options for DIY electronics and IoT projects Who This Book Is For Makers who have already worked with microcontrollers, such as the Arduino or Pico, programming in C or Python. Those interested in going deeper and learning how these devices work at a lower level, by learning Assembly Language.

Principles of Secure Processor Architecture Design -
Jakub Szefer 2022-06-01

With growing interest in computer security and the protection of the code and data which execute on

commodity computers, the amount of hardware security features in today's processors has increased significantly over the recent years. No longer of just academic interest, security features inside processors have been embraced by industry as well, with a number of commercial secure processor architectures available today. This book aims to give readers insights into the principles behind the design of academic and commercial secure processor architectures. Secure processor architecture research is concerned with exploring and designing hardware features inside computer processors, features which can help protect confidentiality and integrity of the code and data executing on the processor. Unlike traditional processor architecture research that focuses on performance, efficiency, and energy as the first-order design objectives, secure processor architecture design has security as the first-order design objective (while still keeping the others as important design aspects that need to be considered). This book aims to present the different challenges of secure processor architecture design to graduate students interested in research on architecture and hardware security and computer architects working in industry interested in adding security features to their designs. It aims to educate readers about how the different challenges have been solved in the past and what are the best practices, i.e., the principles, for design of new secure processor architectures. Based on the careful review of past work by many computer architects and security researchers, readers also will come to know the five basic principles needed for secure processor architecture design. The book also presents existing research challenges and potential new research directions. Finally, this book presents numerous design

suggestions, as well as discusses pitfalls and fallacies that designers should avoid.

The Everything Store - Brad Stone 2013-10-15

The authoritative account of the rise of Amazon and its intensely driven founder, Jeff Bezos, praised by the Seattle Times as "the definitive account of how a tech icon came to life." Amazon.com started off delivering books through the mail. But its visionary founder, Jeff Bezos, wasn't content with being a bookseller. He wanted Amazon to become the everything store, offering limitless selection and seductive convenience at disruptively low prices. To do so, he developed a corporate culture of relentless ambition and secrecy that's never been cracked. Until now. Brad Stone enjoyed unprecedented access to current and former Amazon employees and Bezos family members, giving readers the first in-depth, fly-on-the-wall account of life at Amazon. Compared to tech's other elite innovators -- Jobs, Gates, Zuckerberg -- Bezos is a private man. But he stands out for his restless pursuit of new markets, leading Amazon into risky new ventures like the Kindle and cloud computing, and transforming retail in the same way Henry Ford revolutionized manufacturing. The Everything Store is the revealing, definitive biography of the company that placed one of the first and largest bets on the Internet and forever changed the way we shop and read.

The Startup of You (Revised and Updated) - Reid Hoffman 2012-02-14

The groundbreaking #1 New York Times bestseller that taught a generation how to transform their careers--now in a revised and updated edition "A profound book about self-determination and self-realization."--Senator Cory Booker "The Startup of You is crammed with insights and

strategies to help each of us create the work life we want."--Gretchen Rubin, author of *The Happiness Project* In this invaluable book, LinkedIn co-founder Reid Hoffman and venture capitalist Ben Casnocha show how to accelerate your career in today's competitive world. The key is to manage your career as if it were a startup business: a living, breathing, growing startup of you. Why? Startups--and the entrepreneurs who run them--are nimble. They invest in themselves. They build their professional networks. They take intelligent risks. They make uncertainty and volatility work to their advantage. These are the very same skills professionals need to get ahead today. This book isn't about cover letters or résumés. Instead, you will learn the best practices of the most successful startups and how to apply these entrepreneurial strategies to your career. Whether you work for a giant multinational corporation, stitch together multiple gigs in a portfolio career, or are launching your own venture, you need to know how to • adapt your career plans as pandemics rage and technologies upend industries • develop a competitive advantage so that you stand out from others at work • strengthen your professional network by building powerful alliances and maintaining a diverse mix of relationships • engineer serendipity that produces life-changing career opportunities • take proactive risks to become more resilient to industry tsunamis • tap your network for information and intelligence that help you make smarter decisions The career landscape has changed dramatically in the decade since Hoffman and Casnocha first published this guide. In an urgent update to the frameworks that have helped hundreds of thousands of people transform their careers, this new edition of *The Startup of You* will teach you how to achieve your

boldest professional ambitions.

Machine Drawing - K. L. Narayana 2009-06-30

About the Book: Written by three distinguished authors with ample academic and teaching experience, this textbook, meant for diploma and degree students of Mechanical Engineering as well as those preparing for AMIE examination, incorporates the latest st

Development Co-operation Report 2015 Making Partnerships Effective Coalitions for Action - OECD 2015-09-07

This edition explores the potential of networks and partnerships to create incentives for responsible action, as well as innovative, fit-for-purpose ways of co-ordinating the activities of diverse stakeholders. It looks at a number of existing partnerships and provides practical guidance.

Programming WCF Services - Juval Lowy 2010-08-13

Programming WCF Services is the authoritative, bestselling guide to Microsoft's unified platform for developing modern service-oriented applications on Windows. Hailed as the definitive treatment of WCF, this book provides unique insight, rather than documentation, to help you learn the topics and skills you need for building WCF-based applications that are maintainable, extensible, and reusable. Author Juval Löwy -- one of the world's top .NET experts -- revised this edition to include the newest productivity-enhancing features of .NET Framework 4 and the Azure AppFabric Service Bus, as well as the latest WCF ideas and techniques. By teaching you the why and the how of WCF programming, Programming WCF Services will help you master WCF and make you a better software engineer. Learn about WCF architecture and essential building blocks, including key concepts such as reliability and transport sessions Use built-in features such as service hosting, instance and

concurrency management, transactions, disconnected queued calls, security, and discovery Master the Windows Azure AppFabric Service Bus, the most revolutionary piece of the new cloud computing initiative Increase your productivity and the quality of your WCF services by taking advantage of relevant design options, tips, and best practices in Löwy's ServiceModelEx framework Discover the rationale behind particular design decisions, and delve into rarely understood aspects of WCF development "If you choose to learn WCF, you've chosen well. If you choose to learn with the resource and guidance of Juval Löwy, you've done even better... there are few people alive today who know WCF as well." --Ron Jacobs, Senior Technical Evangelist for WCF, Microsoft Corporation

The Essentials of Computer Organization and Architecture

- Linda Null 2014-02-14

Updated and revised, The Essentials of Computer Organization and Architecture, Third Edition is a comprehensive resource that addresses all of the necessary organization and architecture topics, yet is appropriate for the one-term course.

Reinventing a Small, Worldly City - Ana Gonçalves

2016-11-10

Focusing on Cardiff, the capital city of Wales in the UK, this book reflects on a contemporary small European city – its development, characteristics, and present struggles. Following a century in which it was dubbed the world's 'coaltropolis', the decline in demand for coal meant that Cardiff endured an acute process of de-industrialisation. In seeking to address this and the related high levels of unemployment, it has experienced a process of cultural and social reinvention since the 1980s, and more significantly after Wales turned into a

devolved nation in the late 1990s. Cardiff's development from a small port into a capital city is examined and special attention is paid to the city's cultural and social transformation in recent decades that has relied on the expansion of specific cultural clusters and tourism, which have been decisive for the transformation of its cultural identity and in shaping the city's individual and collective memories and identities. Cardiff epitomises a quintessential case of urban reinvention, cultural regeneration, and social transformation, lying between two apparently contradictory paradigms: the need to respond to global demands and the effort to maintain its cultural distinctiveness and Welsh roots. Therefore, it sets the scene for a wider reflection on small cities, especially in the European setting, and what generally characterises these cities: their liveability, cultural creativity and community empowerment, as well as the fact that they facilitate mobility and social interaction. These worldly cities, the book contends, present interesting opportunities and challenges at the urban, economic, social and cultural levels that rely on more human-scale, people-based approaches to cities, thus defying existing urban hierarchies and categorisations.

Programming with 64-Bit ARM Assembly Language - Stephen Smith 2020-05-01

Mastering ARM hardware architecture opens a world of programming for nearly all phones and tablets including the iPhone/iPad and most Android phones. It's also the heart of many single board computers like the Raspberry Pi. Gain the skills required to dive into the

fundamentals of the ARM hardware architecture with this book and start your own projects while you develop a working knowledge of assembly language for the ARM 64-bit processor. You'll review assembly language programming for the ARM Processor in 64-bit mode and write programs for a number of single board computers, including the Nvidia Jetson Nano and the Raspberry Pi (running 64-bit Linux). The book also discusses how to target assembly language programs for Apple iPhones and iPads along with 64-Bit ARM based Android phones and tablets. It covers all the tools you require, the basics of the ARM hardware architecture, all the groups of ARM 64-Bit Assembly instructions, and how data is stored in the computer's memory. In addition, interface apps to hardware such as the Raspberry Pi's GPIO ports. The book covers code optimization, as well as how to inter-operate with C and Python code. Readers will develop enough background to use the official ARM reference documentation for their own projects. With *Programming with 64-Bit ARM Assembly Language* as your guide you'll study how to read, reverse engineer and hack machine code, then be able to apply these new skills to study code examples and take control of both your ARM devices' hardware and software. What You'll Learn Make operating system calls from assembly language and include other software libraries in your projects Interface apps to hardware devices such as the Raspberry Pi GPIO ports Reverse engineer and hack code Use the official ARM reference documentation for your own projects Who This Book Is For Software developers who have already learned to program in a higher-level language like Python, Java, C#, or even C and now wish to learn Assembly programming.