Understanding Java Virtual Machine Sachin Seth

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Cyber Threat Intelligence - Ali Dehghantanha 2018-04-27
This book provides readers with up-to-date research of emerging cyber threats and defensive mechanisms, which are timely and essential. It covers cyber threat intelligence concepts against a range of threat actors and threat tools (i.e. ransomware) in cutting-edge technologies, i.e., Internet of Things (IoT), Cloud computing and mobile devices. This book also provides the technical information on cyber-threat detection methods required for the researcher and digital forensics experts, in order to build intelligent automated systems to fight against advanced cybercrimes. The ever increasing number of cyber-attacks requires the cyber security and forensic specialists to detect, analyze and defend against the cyber threats in almost real-time, and with such a large number of attacks is not possible without deeply perusing the attack features and taking corresponding intelligent defensive actions – this in essence defines cyber threat intelligence notion. However, such intelligence would not be possible without the aid of artificial intelligence, machine learning and advanced data mining techniques to collect, analyze, and interpret cyber-attack campaigns which is covered in this book. This book will focus on cutting-edge research from both academia and industry, with a particular emphasis on providing wider knowledge of the field, novelty of approaches,

combination of tools and so forth to perceive reason, learn and act on a wide range of data collected from different cyber security and forensics solutions. This book introduces the notion of cyber threat intelligence and analytics and presents different attempts in utilizing machine learning and data mining techniques to create threat feeds for a range of consumers. Moreover, this book sheds light on existing and emerging trends in the field which could pave the way for future works. The inter-disciplinary nature of this book, makes it suitable for a wide range of audiences with backgrounds in artificial intelligence, cyber security, forensics, big data and data mining, distributed systems and computer networks. This would include industry professionals, advanced-level students and researchers that work within these related fields.

Proceedings of the International Conference on Recent Cognizance in Wireless Communication & Image Processing - Nitin Afzalpulkar 2016-04-28
This volume comprises the proceedings of the International Conference on Recent Cognizance in Wireless Communication & Image Processing. It brings together content from academicians, researchers, and industry experts in areas of Wireless Communication and Image Processing. The volume provides a snapshot of current progress in computational creativity and a glimpse of future possibilities. The proceedings

include two kinds of paper submissions: (i) regular papers addressing foundation issues, describing original research on creative systems development and modeling; and (ii) position papers describing work-in-progress or research directions for computational creativity. This work will be useful to professionals and researchers working in the core areas of wireless communications and image processing.

Slackermedia - Seth Kenlon 2012-09-01
Learn how to build your own multimedia workstation, and how to use it! Slackermedia is a multimedia guidebook for people looking to get away from operating systems that tell them what they can or can't do in their art. But it doesn't stop there! In this volume, you'll find detailed guides on the most important multimedia applications on Linux today: the Kdenlive video editor and the Qtractor digital audio workstation. You'll also get tips and resources on other great multimedia applications of Linux, like Blender, Audacity, Jamin, CALF, LADSPA, GIMP, Inkscape, ffmpeg, sox, Qsynth, fluidsynth, soundfonts, Xsynth, whySynth, QJack Control, Font Matrix, and many many more. By the end of your journey with Slackermedia, you'll know everything you need to know to create original multimedia content and any kind of digital art on the powerful, free operating system of GNU Linux. So put your nerd glasses on, roll up your sleeves, and prepare yourself for creativity like you've never experienced.

Touch of Class - Bertrand Meyer 2009-08-28
This text combines a practical, hands-on approach to programming with the introduction of sound theoretical support focused on teaching the construction of high-quality software. A major feature of the book is the use of Design by Contract.

The World Is Flat 3.0 - Thomas L. Friedman 2007-07-24
This Independence Day edition of The World is Flat 3.0 includes an an exclusive preview of That Used to Be Us: How America Fell Behind in the World It Invented and How We Can Come Back, by Thomas L. Friedman and Michael Mandelbaum, on sale September 5th, 2011. A New Edition of the Phenomenal #1 Bestseller "One mark of a great book is that it makes you see things in a new way, and Mr. Friedman certainly succeeds in that goal," the Nobel laureate Joseph E. Stiglitz wrote in The New York Times reviewing The World Is Flat in 2005. In this new edition, Thomas L. Friedman includes fresh stories and insights to help us understand the flattening of the world. Weaving new information into his overall thesis, and answering the questions he has been most frequently asked by parents across the country, this third edition also includes two new chapters--on how to be a political activist and social entrepreneur in a flat world; and on the more troubling question of how to manage our reputations and privacy in a world where we are all becoming publishers and public figures. The World Is Flat 3.0 is an essential update on globalization, its opportunities for individual empowerment, its achievements at lifting millions out of poverty, and its drawbacks-- environmental, social, and political, powerfully illuminated by the Pulitzer Prize--winning author of The Lexus and the Olive Tree.

Twelve Years a Slave - Solomon Northup 2021-01-01
"Having been born a freeman, and for more than thirty years enjoyed the blessings of liberty in a free State—and having at the end of that time been kidnapped and sold into Slavery, where I remained, until happily rescued in the month of January, 1853, after a bondage of twelve years—it has been suggested that an account of my life and fortunes would not be uninteresting to the public." -an excerpt

Programming in Java - Sachin Malhotra 2013-12-28
The second edition of Programming in Java confirms to Java Standard Edition 7, the latest release since Oracle took over Sun Microsystems. It is significant in the sense that the last update was six years back and this major release comes bundled with plenty of enhancements which were overdue. To list a few noticeable enhancements, Java 7 includes support for strings in switch statements, try-with-resources statement, improved multi-catch, binary numeric literals, numeric literals with underscores, new APIs in NIO like Path and Files, automatic resource management, and much more. The second edition presents all these new topics with suitable examples. This second edition is not just about the enhancements introduced in Java 7; practically

every chapter has been revisited to refine the text as much as possible with new example codes and greater topical coverage.

Proceedings of the Third International Conference on Computational Intelligence and Informatics - K. Srujan Raju 2020-03-17
This book features high-quality papers presented at the International Conference on Computational Intelligence and Informatics (ICCII 2018), which was held on 28–29 December 2018 at the Department of Computer Science and Engineering, JNTUH College of Engineering, Hyderabad, India. The papers focus on topics such as data mining, wireless sensor networks, parallel computing, image processing, network security, MANETS, natural language processing and Internet of things.

Physical Database Design - Sam S. Lightstone 2010-07-26
The rapidly increasing volume of information contained in relational databases places a strain on databases, performance, and maintainability: DBAs are under greater pressure than ever to optimize database structure for system performance and administration. Physical Database Design discusses the concept of how physical structures of databases affect performance, including specific examples, guidelines, and best and worst practices for a variety of DBMSs and configurations. Something as simple as improving the table index design has a profound impact on performance. Every form of relational database, such as Online Transaction Processing (OLTP), Enterprise Resource Management (ERP), Data Mining (DM), or Management Resource Planning (MRP), can be improved using the methods provided in the book. The first complete treatment on physical database design, written by the authors of the seminal, Database Modeling and Design: Logical Design, Fourth Edition Includes an introduction to the major concepts of physical database design as well as detailed examples, using methodologies and tools most popular for relational databases today: Oracle, DB2 (IBM), and SQL Server (Microsoft) Focuses on physical database design for exploiting B+tree indexing, clustered indexes, multidimensional clustering (MDC), range partitioning, shared nothing partitioning, shared disk data placement, materialized views, bitmap indexes, automated

design tools, and more!

Programming for the Java Virtual Machine - Joshua Engel 1999
The Java Virtual Machine (JVM) is the underlying technology behind Java's most distinctive features including size, security and cross-platform delivery. This guide shows programmers how to write programs for the Java Virtual Machine.

An Introduction to Database Systems - C. J. Date 2000
For over 25 years, C. J. Dates 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 o

Advance Java - Gajendra Gupta 2006

Agile IT Organization Design - Sriram Narayan 2015-06-11
Design IT Organizations for Agility at Scale Aspiring digital businesses need overall IT agility, not just development team agility. In Agile IT Organization Design , IT management consultant and ThoughtWorks veteran Sriram Narayan shows how to infuse agility throughout your organization. Drawing on more than fifteen years' experience working with enterprise clients in IT-intensive industries, he introduces an agile approach to "Business–IT Effectiveness"

that is as practical as it is valuable. The author shows how structural, political, operational, and cultural facets of organization design influence overall IT agility—and how you can promote better collaboration across diverse functions, from sales and marketing to product development, and engineering to IT operations. Through real examples, he helps you evaluate and improve organization designs that enhance autonomy, mastery, and purpose: the key ingredients for a highly motivated workforce. You'll find "close range" coverage of team design, accountability, alignment, project finance, tooling, metrics, organizational norms, communication, and culture. For each, you'll gain a deeper understanding of where your organization stands, and clear direction for making improvements. Ready to optimize the performance of your IT organization or digital business? Here are practical solutions for the long term, and for right now. Govern for value over predictability Organize for responsiveness, not lowest cost Clarify accountability for outcomes and for decisions along the way Strengthen the alignment of autonomous teams Move beyond project teams to capability teams Break down tool-induced silos Choose financial practices that are free of harmful side effects Create and retain great teams despite today's "talent crunch" Reform metrics to promote (not prevent) agility Evolve culture through improvements to structure, practices, and leadership—and careful, deliberate interventions

Machine Vision and Augmented Intelligence—Theory and Applications - Manish Kumar Bajpai 2021-11-10
This book comprises the proceedings of the International Conference on Machine Vision and Augmented Intelligence (MAI 2021) held at IIIT, Jabalpur, in February 2021. The conference proceedings encapsulate the best deliberations held during the conference. The diversity of participants in the event from academia, industry, and research reflects in the articles appearing in the volume. The book theme encompasses all industrial and non-industrial applications in which a combination of hardware and software provides operational guidance to devices in the execution of their functions based on the capture and processing of images. This book covers a wide range of topics such as

modeling of disease transformation, epidemic forecast, COVID-19, image processing and computer vision, augmented intelligence, soft computing, deep learning, image reconstruction, artificial intelligence in healthcare, brain-computer interface, cybersecurity, and social network analysis, natural language processing, etc.

Sentiment Analysis and Opinion Mining - Bing Liu 2012
Sentiment analysis and opinion mining is the field of study that analyzes people's opinions, sentiments, evaluations, attitudes, and emotions from written language. It is one of the most active research areas in natural language processing and is also widely studied in data mining, Web mining, and text mining. In fact, this research has spread outside of computer science to the management sciences and social sciences due to its importance to business and society as a whole. The growing importance of sentiment analysis coincides with the growth of social media such as reviews, forum discussions, blogs, micro-blogs, Twitter, and social networks. For the first time in human history, we now have a huge volume of opinionated data recorded in digital form for analysis.Sentiment analysis systems are being applied in almost every business and social domain because opinions are central to almost all human activities and are key influencers of our behaviors. Our beliefs and perceptions of reality, and the choices we make, are largely conditioned on how others see and evaluate the world. For this reason, when we need to make a decision we often seek out the opinions of others. This is true not only for individuals but also for organizations.This book is a comprehensive introductory and survey text. It covers all important topics and the latest developments in the field with over 400 references. It is suitable for students, researchers and practitioners who are interested in social media analysis in general and sentiment analysis in particular. Lecturers can readily use it in class for courses on natural language processing, social media analysis, text mining, and data mining. Lecture slides are also available online.Table of Contents: Preface / Sentiment Analysis: A Fascinating Problem / The Problem of Sentiment Analysis / Document Sentiment Classification / Sentence Subjectivity

and Sentiment Classification / Aspect-Based Sentiment Analysis / Sentiment Lexicon Generation / Opinion Summarization / Analysis of Comparative Opinions / Opinion Search and Retrieval / Opinion Spam Detection / Quality of Reviews / Concluding Remarks / Bibliography / Author Biography

Advanced Java Programming - Uttam Kumar Roy 2015-07-09
Advanced Java Programming is a textbook specially designed for undergraduate and postgraduate students of Computer Science, Information Technology, and Computer Applications (BE/BTech/BCA/ME/M.Tech/MCA). Divided into three parts, the book provides an exhaustive coverage of topics taught in advanced Java and other related subjects.

Undocumented Secrets of MATLAB-Java Programming - Yair M. Altman 2011-12-05
For a variety of reasons, the MATLAB®-Java interface was never fully documented. This is really quite unfortunate: Java is one of the most widely used programming languages, having many times the number of programmers and programming resources as MATLAB. Also unfortunate is the popular claim that while MATLAB is a fine programming platform for prototyping, it is not suitable for real-world, modern-looking applications. Undocumented Secrets of MATLAB®-Java Programming aims to correct this misconception. This book shows how using Java can significantly improve MATLAB program appearance and functionality, and that this can be done easily and even without any prior Java knowledge. Readers are led step-by-step from simple to complex customizations. Code snippets, screenshots, and numerous online references are provided to enable the utilization of this book as both a sequential tutorial and as a random-access reference suited for immediate use. Java-savvy readers will find it easy to tailor code samples for their particular needs; for Java newcomers, an introduction to Java and numerous online references are provided. This book demonstrates how The MATLAB programming environment relies on Java for numerous tasks, including networking, data-processing algorithms and graphical user-interface (GUI) We can use MATLAB for easy access to external Java functionality, either third-party or user-created Using Java, we can

extensively customize the MATLAB environment and application GUI, enabling the creation of visually appealing and usable applications

Learning PHP, MySQL, JavaScript, and CSS - Robin Nixon 2012-08-27
Learn how to build interactive, data-driven websites—even if you don't have any previous programming experience. If you know how to build static sites with HTML, this popular guide will help you tackle dynamic web programming. You'll get a thorough grounding in today's core open source technologies: PHP, MySQL, JavaScript, and CSS. Explore each technology separately, learn how to combine them, and pick up valuable web programming concepts along the way, including objects, XHTML, cookies, and session management. This book provides review questions in each chapter to help you apply what you've learned. Learn PHP essentials and the basics of object-oriented programming Master MySQL, from database structure to complex queries Create web pages with PHP and MySQL by integrating forms and other HTML features Learn JavaScript fundamentals, from functions and event handling to accessing the Document Object Model Pick up CSS basics for formatting and styling your web pages Turn your website into a highly dynamic environment with Ajax calls Upload and manipulate files and images, validate user input, and secure your applications Explore a working example that brings all of the ingredients together

Information Systems - Marinos Themistocleous 2017-08-14
This book constitutes selected papers from the 14th European, Mediterranean, and Middle Eastern Conference, EMCIS 2017, held in Coimbra, Portugal, in September 2017. EMCIS is focusing on approaches that facilitate the identification of innovative research of significant relevance to the IS discipline following sound research methodologies that lead to results of measurable impact. The 37 full and 16 short papers presented in this volume were carefully reviewed and selected from a total of 106 submissions. They are organized in sections on big data and Semantic Web; digital services, social media and digital collaboration; e-government; healthcare information systems; information systems security and information privacy protection; IT governance; and

management and organizational issues in information systems.

The Coronavirus - Swapneil Parikh 2020-04-05 On the eve of 31 December 2019, as the world celebrated the start of a new decade, the province of Wuhan alerted the World Health Organization of several 'flu-like' cases. Less than a week later, a novel coronavirus, was identified. In February, the disease it caused was named COVID-19. Even now, as the global infection rate crosses 1,00,000 and the death toll surpasses 3000, we are yet to understand the threat posed by this new coronavirus. There is no vaccination to prevent it, and no antiviral to cure the sick. While high numbers are being reported daily, agencies may still be unaware of many cases. The symptoms of Coronavirus are dangerously similar to that of the common flu: fever, coughing, breathlessness, tiredness, headache and muscle pain. But in India, that has such a high population density, we will have to do more than just stick to Namaste to greet each other. It seems that a crippling pandemic is inevitable. While some of us may find it easier to resign ourselves to fate, what we need most right now is credible and comprehensive information from professionals that can help us understand what the Coronavirus is, and how we can prepare and protect ourselves against it. This is the first book that addresses the history, evolution, facts and myths around the pandemic. The Coronavirus is a timely must-read for everyone keen on understanding its impact and fallout.

Programmer's Motivation for Beginners - Rajaraman Raghuraman 2013-09-27 Usually they teach programming concepts and specific programming languages like C, C++, C#, JAVA, Ruby, PHP, etc. for beginners. But they don't teach stuff that really matters in the long term, they don't prepare you on your journey to become a Great Programmer, they don't teach you the attitude that is required to become great in your craft. This E-book is a compilation of some of the author's blog posts & advice containing some useful piece of practical information to beginner programmers. The content in this book is programming language agnostic - Same principles can be applied to all programming languages.

Recent Trends in Image Processing and Pattern Recognition - K. C. Santosh 2021-03-22

This two-volume set constitutes the refereed proceedings of the Third International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R) 2020, held in Aurangabad, India, in January 2020. The 78 revised full papers presented were carefully reviewed and selected from 329 submissions. The papers are organized in topical sections in the two volumes. Part I: Computer vision and applications; Data science and machine learning; Document understanding and Recognition. Part II: Healthcare informatics and medical imaging; Image analysis and recognition; Signal processing and pattern recognition; Image and signal processing in Agriculture.

Facsimile Products - United States. National Weather Service 1979

Professional Java for Web Applications - Nicholas S. Williams 2014-02-21 The comprehensive Wrox guide for creating Java web applications for the enterprise This guide shows Java software developers and software engineers how to build complex web applications in an enterprise environment. You'll begin with an introduction to the Java Enterprise Edition and the basic web application, then set up a development application server environment, learn about the tools used in the development process, and explore numerous Java technologies and practices. The book covers industry-standard tools and technologies, specific technologies, and underlying programming concepts. Java is an essential programming language used worldwide for both Android app development and enterprise-level corporate solutions As a step-by-step guide or a general reference, this book provides an all-in-one Java development solution Explains Java Enterprise Edition 7 and the basic web application, how to set up a development application server environment, which tools are needed during the development process, and how to apply various Java technologies Covers new language features in Java 8, such as Lambda Expressions, and the new Java 8 Date & Time API introduced as part of JSR 310, replacing the legacy Date and Calendar APIs Demonstrates the new, fully-duplex WebSocket web connection technology and its support in

Java EE 7, allowing the reader to create rich, truly interactive web applications that can push updated data to the client automatically Instructs the reader in the configuration and use of Log4j 2.0, Spring Framework 4 (including Spring Web MVC), Hibernate Validator, RabbitMQ, Hibernate ORM, Spring Data, Hibernate Search, and Spring Security Covers application logging, JSR 340 Servlet API 3.1, JSR 245 JavaServer Pages (JSP) 2.3 (including custom tag libraries), JSR 341 Expression Language 3.0, JSR 356 WebSocket API 1.0, JSR 303/349 Bean Validation 1.1, JSR 317/338 Java Persistence API (JPA) 2.1, full-text searching with JPA, RESTful and SOAP web services, Advanced Message Queuing Protocol (AMQP), and OAuth Professional Java for Web Applications is the complete Wrox guide for software developers who are familiar with Java and who are ready to build high-level enterprise Java web applications.

SCJP Sun Certified Programmer for Java 6 Study Guide - Kathy Sierra 2008-06-14
The Best Fully Integrated Study System Available--Written by the Lead Developers of Exam 310-065 With hundreds of practice questions and hands-on exercises, SCJP Sun Certified Programmer for Java 6 Study Guide covers what you need to know--and shows you how to prepare--for this challenging exam. 100% complete coverage of all official objectives for exam 310-065 Exam Objective Highlights in every chapter point out certification objectives to ensure you're focused on passing the exam Exam Watch sections in every chapter highlight key exam topics covered Simulated exam questions match the format, tone, topics, and difficulty of the real exam Covers all SCJP exam topics, including: Declarations and Access Control · Object Orientation · Assignments · Operators · Flow Control, Exceptions, and Assertions · Strings, I/O, Formatting, and Parsing · Generics and Collections · Inner Classes · Threads · Development CD-ROM includes: Complete MasterExam practice testing engine, featuring: Two full practice exams; Detailed answers with explanations; Score Report performance assessment tool Electronic book for studying on the go Bonus coverage of the SCJD exam included! Bonus downloadable MasterExam practice test with free online registration.

Introduction to Database Management System - Satinder Bal Gupta

Proceedings of the 2017 ACM International Conference on Management of Data - Alvin Cheung 2017-05-14
SIGMOD/PODS'17: International Conference on Management of Data May 14, 2017-May 19, 2017 Chicago, USA. You can view more information about this proceeding and all of ACM�s other published conference proceedings from the ACM Digital Library: http://www.acm.org/dl.

Longitudes and Attitudes - Thomas L. Friedman 2003-08-12
From the Pulitzer Prize–winning New York Times columnist and bestselling author of From Beirut to Jerusalem and The Lexus and the Olive Tree comes this smart, penetrating, brilliantly informed book that is indispensable for understanding today's radically new world and America's complex place in it. Thomas L. Freidman received his third Pulitzer Prize in 2002 "for his clarity of vision, based on extensive reporting, in commenting on the worldwide impact of the terrorist threat." In Longitudes and Attitudes he gives us all of the columns he has published about the most momentous news story of our time, as well as a diary of his private experiences and reflections during his post–September 11 travels. Updated for this new paperback edition, with over two years' worth of Friedman's columns and an expanded version of his diary, Longitudes and Attitudes is a broadly influential work from our most trusted observer of the international scene.

Advanced Informatics for Computing Research - Ashish Kumar Luhach 2019-09-16
This two-volume set (CCIS 1075 and CCIS 1076) constitutes the refereed proceedings of the Third International Conference on Advanced Informatics for Computing Research, ICAICR 2019, held in Shimla, India, in June 2019. The 78 revised full papers presented were carefully reviewed and selected from 382 submissions. The papers are organized in topical sections on computing methodologies; hardware; information systems; networks; software and its engineering.

India Unbound - Gurcharan Das 2002-04-09

India today is a vibrant free-market democracy, a nation well on its way to overcoming decades of widespread poverty. The nation's rise is one of the great international stories of the late twentieth century, and in India Unbound the acclaimed columnist Gurcharan Das offers a sweeping economic history of India from independence to the new millennium. Das shows how India's policies after 1947 condemned the nation to a hobbled economy until 1991, when the government instituted sweeping reforms that paved the way for extraordinary growth. Das traces these developments and tells the stories of the major players from Nehru through today. As the former CEO of Proctor & Gamble India, Das offers a unique insider's perspective and he deftly interweaves memoir with history, creating a book that is at once vigorously analytical and vividly written. Impassioned, erudite, and eminently readable, India Unbound is a must for anyone interested in the global economy and its future.

Human Computation - Edith Law 2011-08-08
Human computation is a new and evolving research area that centers around harnessing human intelligence to solve computational problems that are beyond the scope of existing Artificial Intelligence (AI) algorithms. With the growth of the Web, human computation systems can now leverage the abilities of an unprecedented number of people via the Web to perform complex computation. There are various genres of human computation applications that exist today. Games with a purpose (e.g., the ESP Game) specifically target online gamers who generate useful data (e.g., image tags) while playing an enjoyable game. Crowdsourcing marketplaces (e.g., Amazon Mechanical Turk) are human computation systems that coordinate workers to perform tasks in exchange for monetary rewards. In identity verification tasks, users perform computation in order to gain access to some online content; an example is reCAPTCHA, which leverages millions of users who solve CAPTCHAs every day to correct words in books that optical character recognition (OCR) programs fail to recognize with certainty. This book is aimed at achieving four goals: (1) defining human computation as a research area; (2) providing a comprehensive review of existing work; (3) drawing connections to a wide variety

of disciplines, including AI, Machine Learning, HCI, Mechanism/Market Design and Psychology, and capturing their unique perspectives on the core research questions in human computation; and (4) suggesting promising research directions for the future. Table of Contents: Introduction / Human Computation Algorithms / Aggregating Outputs / Task Routing / Understanding Workers and Requesters / The Art of Asking Questions / The Future of Human Computation

Data Science and Analytics - Usha Batra 2020-05-27
This two-volume set (CCIS 1229 and CCIS 1230) constitutes the refereed proceedings of the 5th International Conference on Recent Developments in Science, Engineering and Technology, REDSET 2019, held in Gurugram, India, in November 2019. The 74 revised full papers presented were carefully reviewed and selected from total 353 submissions. The papers are organized in topical sections on data centric programming; next generation computing; social and web analytics; security in data science analytics; big data analytics.

The Lexus and the Olive Tree - Thomas L. Friedman 2000
An analysis of globalisation as an international system that today directly or indirectly influences the politics, environment, geopolitics and economics of virtually every country in the world.

Arquillian Testing Guide - John Ament 2013
This book is a tutorial filled with plenty of code examples and strategies to give you many options when building your test structure.This book is for developers and testers alike. Anyone who has worked with test driven development or building automated test cases will find use in this book. A reader should be familiar with some automation strategies and techniques such as JUnit and should have some exposure to techniques such as mocking.

Effective Python - Brett Slatkin 2015
Effective Python will help students harness the full power of Python to write exceptionally robust, efficient, maintainable, and well-performing code. Utilizing the concise, scenario-driven style pioneered in Scott Meyers's best-selling Effective C++, Brett Slatkin brings together 53 Python best practices, tips, shortcuts, and realistic code examples from

expert programmers. Each section contains specific, actionable guidelines organized into items, each with carefully worded advice supported by detailed technical arguments and illuminating examples.

The World Is Flat [Further Updated and Expanded; Release 3.0] - Thomas L. Friedman 2007-08-07
This new edition of Friedman's landmark book explains the flattening of the world better than ever- and takes a new measure of the effects of this change on each of us.

Understanding Java Virtual Machine - Sachin Seth 2013
UNDERSTANDING JAVA VIRTUAL MACHINE helps readers in gaining in-depth knowledge of underlying Java virtual machine architecture. Chapters in this book are outcome of author's understanding, developed while coding Java Virtual Machine. Initial chapters give the background of platform dependency and how platform independence can be achieved. It explains the building blocks of the Java Virtual Machine like heap, stacks and other storage areas. In subsequent chapters, it continues with algorithms that Java Virtual Machine performs. This book uses 'C' programming language for explaining the algorithms. Audience having background of 'C' or other language will have an advantage in understanding Java Virtual Machine algorithms. Final chapters help target audience in understanding the implementation of java native interface, multi-threading and garbage collection in Java Virtual Machine.

The Mathematical-Function Computation Handbook - Nelson H.F. Beebe 2017-08-20
This highly comprehensive handbook provides a substantial advance in the computation of elementary and special functions of mathematics, extending the function coverage of major programming languages well beyond their international standards, including full support for decimal floating-point arithmetic. Written with clarity and focusing on the C language, the work pays extensive attention to little-understood aspects of floating-point and integer arithmetic, and to software portability, as well as to important historical architectures. It extends support to a future 256-bit, floating-point format offering 70 decimal digits of precision. Select Topics and Features: references an exceptionally useful, author-maintained MathCW website, containing source code for the book's software, compiled libraries for numerous systems, pre-built C compilers, and other related materials; offers a unique approach to covering mathematical-function computation using decimal arithmetic; provides extremely versatile appendices for interfaces to numerous other languages: Ada, C#, C++, Fortran, Java, and Pascal; presupposes only basic familiarity with computer programming in a common language, as well as early level algebra; supplies a library that readily adapts for existing scripting languages, with minimal effort; supports both binary and decimal arithmetic, in up to 10 different floating-point formats; covers a significant portion (with highly accurate implementations) of the U.S National Institute of Standards and Technology's 10-year project to codify mathematical functions. This highly practical text/reference is an invaluable tool for advanced undergraduates, recording many lessons of the intermingled history of computer hardw are and software, numerical algorithms, and mathematics. In addition, professional numerical analysts and others will find the handbook of real interest and utility because it builds on research by the mathematical software community over the last four decades.

Advanced Informatics for Computing Research - Dharm Singh 2017-07-21
This book constitutes the refereed proceedings of the First International Conference on Advanced Informatics for Computing Research , ICAICR 2017, held in Jalandhar, India, in March 2017. The 32 revised full papers presented were carefully reviewed and selected from 312 submissions. The papers are organized in topical sections on computing methodologies, information systems, security and privacy, network services.

Information, Communication and Computing Technology - Saroj Kaushik 2017-10-10
This book constitutes the refereed proceedings of the Second International Conference on Information, Communication and Computing Technology, ICICCT 2017, held in New Delhi, India, in May 2017. The 29 revised full papers and the 5 revised short papers presented in this volume were carefully reviewed and selected from 219 submissions. The papers are organized

in topical sections on network systems and communication security; software engineering; algorithm and high performance computing.