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Implementing Service Level Objectives Alex Hidalgo 2020-08-05 Although service-level objectives (SLOs) continue to grow in importance, there's a distinct lack of information about how to implement them. Practical advice that does exist usually assumes that your team already has the infrastructure, tooling, and culture in place. In this book, recognized SLO expert Alex Hidalgo explains how to build an SLO culture from the ground up. Ideal as a primer and daily reference for anyone creating both the culture and tooling necessary for SLO-based approaches to reliability, this guide provides detailed analysis of advanced SLO and service-level indicator (SLI) techniques. Armed with mathematical models and statistical knowledge to help you get the most out of an SLO-based approach, you'll learn how to build systems capable of measuring meaningful SLIs with buy-in across all departments of your organization. Define SLIs that meaningfully measure the reliability of a service from a user's perspective Choose appropriate SLO targets, including how to perform statistical and probabilistic analysis Use error budgets to help your team have better discussions and make better data-driven decisions Build supportive tooling and resources required for an SLO-based approach Use SLO data to present meaningful reports to leadership and your users

Cloud Computing for Science and Engineering Ian Foster 2017-09-29 A guide to cloud computing for students, scientists, and engineers, with advice and many hands-on examples. The emergence of powerful, always-on cloud utilities has transformed how consumers interact with information technology, enabling video streaming, intelligent personal assistants, and the sharing of content. Businesses, too, have benefited from the cloud, outsourcing much of their information technology to cloud services. Science, however, has not fully exploited the advantages of the cloud. Could scientific discovery be accelerated if mundane chores were automated and outsourced to the cloud? Leading computer scientists Ian Foster and Dennis Gannon argue that it can, and in this book offer a guide to cloud computing for students, scientists, and engineers, with advice and many hands-on examples. The book surveys the technology that underpins the cloud, new approaches to technical problems enabled by the cloud, and the concepts required to integrate cloud services into scientific work. It covers managing data in the cloud, and how to program these services; computing in the cloud, from deploying single virtual machines or containers to supporting basic interactive science experiments to gathering clusters of machines to do data analytics; using the cloud as a platform for automating analysis procedures, machine learning, and analyzing streaming data; building your own cloud with open source software; and cloud security. The book is accompanied by a website, Cloud4SciEng.org, that provides a variety of supplementary material, including exercises, lecture slides, and other resources helpful to readers and instructors.

System Management Jeffrey O. Grady 1999-07-29 System Engineering Deployment shows you how to make systems development work for your organization. It focuses on the deployment of the system engineering process that will propel your organization to excellence. The strategies covered will help organizations already using a systems approach fine tune their systems as well as giving organizations the tools to develop systems of their own. Topics include: enterprise knowledge organizational structure

for work the jog system engineering method task cost and schedule estimating The author focuses on the development of a quality systems approach into programs that can be used to develop an integrated master plan and schedules. The book provides the optimum marriage between specific program planning and a company's generic identity. With System Engineering Deployment you can design an effective systems approach to perfection.

Biotechnology: Concepts, Methodologies, Tools, and Applications Management Association, Information Resources 2019-06-07 Biotechnology can be defined as the manipulation of biological process, systems, and organisms in the production of various products. With applications in a number of fields such as biomedical, chemical, mechanical, and civil engineering, research on the development of biologically inspired materials is essential to further advancement. Biotechnology: Concepts, Methodologies, Tools, and Applications is a vital reference source for the latest research findings on the application of biotechnology in medicine, engineering, agriculture, food production, and other areas. It also examines the economic impacts of biotechnology use. Highlighting a range of topics such as pharmacogenomics, biomedical engineering, and bioinformatics, this multi-volume book is ideally designed for engineers, pharmacists, medical professionals, practitioners, academicians, and researchers interested in the applications of biotechnology.

Advanced Information Systems Engineering Eric Dubois 2017-06-01 This book constitutes the refereed proceedings of the 29th International Conference on Advanced Information Systems Engineering, CAiSE 2017, held in Essen, Germany, in June 2017. The 37 papers presented together with 3 keynote papers in this volume were carefully reviewed and selected from 175 submissions. The papers are organized in topical sections on information systems architecture; business process alignment; user knowledge discovery; business process performance; big data exploration; process variability management; information systems transformation and evolution; business process modeling readability; business process adaption; data mining; process discovery; business process modeling notation.

Become an Effective Software Engineering Manager Dr. James Stanier 2020-05-27 Software startups make global headlines every day. As technology companies succeed and grow, so do their engineering departments. In your career, you'll may suddenly get the opportunity to lead teams: to become a manager. But this is often uncharted territory. How can you decide whether this career move is right for you? And if you do, what do you need to learn to succeed? Where do you start? How do you know that you're doing it right? What does "it" even mean? And isn't management a dirty word? This book will share the secrets you need to know to manage engineers successfully. Going from engineer to manager doesn't have to be intimidating. Engineers can be managers, and fantastic ones at that. Cast aside the rhetoric and focus on practical, hands-on techniques and tools. You'll become an effective and supportive team leader that your staff will look up to. Start with your transition to being a manager and see how that compares to being an engineer. Learn how to better organize information, feel productive, and delegate, but not micromanage. Discover how to manage your own boss, hire and fire, do performance and salary reviews, and build a great team. You'll also learn the psychology: how to ship while keeping staff happy, coach and mentor, deal with deadline pressure, handle sensitive information, and navigate workplace politics. Consider your whole department. How can you work with other teams to ensure best practice? How do you help form guilds and committees and communicate effectively? How can you create career tracks for individual contributors and managers? How can you support flexible and remote working? How can you improve diversity in the industry through your own actions? This book will show you how. Great managers can make the world a better place. Join us.

Weekly Summary of NLRB Cases United States. National Labor Relations Board. Division of Information 1993

Handbook of Research on Improving Engineering Education With the European Project Semester Malheiro, Benedita 2022-03-18 Engineering education aims to prepare engineering undergraduates for their future professional journey where they will be called on to solve challenges affecting individuals, companies, and society. The European Project Semester (EPS) exposes students to project- and challenge-based learning, paying special attention to international multidisciplinary teamwork, sustainable design, innovative thinking, and project management in order to develop a set of desired professional skills. The Handbook of Research on Improving Engineering Education With the European Project Semester shares the best practices in engineering education through close examination of the EPS. It describes the adopted learning framework, analyzes how it contributes to the development of skills, reports on the types of challenges proposed to teams, and delivers a set of team-project cases from the network of providers. Covering topics such as engineering ethics, project management, and sustainable

behavior, this book is essential to students in engineering, engineers, engineering educators, educational researchers, academic administration and faculty, and academicians.

Fundamentals of Software Engineering Hossein Hojjat 2019-09-21 This book constitutes the thoroughly refereed post-conference proceedings of the 8th International Conference on Fundamentals of Software Engineering, FSEN 2019, held in Tehran, Iran, in May 2019. The 14 full papers and 3 short papers presented in this volume were carefully reviewed and selected from 47 submissions. The topics of interest in FSEN span over all aspects of formal methods, especially those related to advancing the application of formal methods in the software industry and promoting their integration with practical engineering techniques. The papers are organized in topical sections on agent based systems, theorem proving, learning, verification, distributed algorithms, and program analysis.

Entering StartUpLand Jeffrey Bussgang 2017-10-10 Many professionals aspire to work for startups. Executives from large companies view them as models to help them adapt to today's dynamic innovation economy, while freshly minted MBAs see magic in founding something new. Yes, startups look magical, but they can also be chaotic and inaccessible. Many books are written for those who aspire to be founders, but a company only has one or two of those. What's needed is something that deconstructs the typical startup organization for the thousands of employees who join a fledgling company and do the day-to-day work required to grow it into something of value. Entering StartUpLand is a practical, step-by-step guide that provides an insider's analysis of various startup roles and responsibilities--including product management, marketing, growth, and sales--to help you figure out if you want to join a startup and what to expect if you do. You'll gain insight into how successful startups operate and learn to assess which ones you might want to join--or emulate. Inside this book you'll find: A tour of typical startup roles to help you determine which one might be the best fit for you Profiles of startup executives across many different functions who share their stories and describe their responsibilities A methodology to identify and evaluate startups and position yourself to find the opportunity that's right for you Written by an experienced venture capitalist, entrepreneur, and Harvard Business School professor, Entering StartUpLand will guide you as you seek your ideal entry point into this popular, cutting-edge organizational paradigm.

Information security: risk assessment, management systems, the ISO/IEC 27001 standard Cesare Gallotti 2019-01-17 In this book, the following subjects are included: information security, the risk assessment and treatment processes (with practical examples), the information security controls. The text is based on the ISO/IEC 27001 standard and on the discussions held during the editing meetings, attended by the author. Appendixes include short presentations and check lists. CESARE GALLOTTI has been working since 1999 in the information security and IT process management fields and has been leading many projects for companies of various sizes and market sectors. He has been leading projects as consultant or auditor for the compliance with standards and regulations and has been designing and delivering ISO/IEC 27001, privacy and ITIL training courses. Some of his certifications are: Lead Auditor ISO/IEC 27001, Lead Auditor 9001, CISA, ITIL Expert and CBCI, CIPP/e. Since 2010, he has been Italian delegate for the the editing group for the ISO/IEC 27000 standard family. Web: www.cesaregallotti.it.

Current Trends in Web Engineering Florian Daniel 2015-10-15 This book constitutes the thoroughly refereed post-conference proceedings of Current Trends in Web Engineering, ICWE Workshops 2015 which was held in June 2015 in Rotterdam, The Netherlands. The 16 revised full papers were selected form 23 submissions and cover topics on natural language processing for informal text, pervasive Web technologies, trends and challenges, and mining in the social Web.

National Association of Broadcasters Engineering Handbook Garrison C. Cavell 2017-07-28 The NAB Engineering Handbook is the definitive resource for broadcast engineers. It provides in-depth information about each aspect of the broadcast chain from audio and video contribution through an entire broadcast facility all the way to the antenna. New topics include Ultra High Definition Television, Internet Radio Interfacing and Streaming, ATSC 3.0, Digital Audio Compression Techniques, Digital Television Audio Loudness Management, and Video Format and Standards Conversion. Important updates have been made to incumbent topics such as AM, Shortwave, FM and Television Transmitting Systems, Studio Lighting, Cameras, and Principles of Acoustics. The big-picture, comprehensive nature of the NAB Engineering Handbook will appeal to all broadcast engineers—everyone from broadcast chief engineers, who need expanded knowledge of all the specialized areas they encounter in the field, to technologists in specialized fields like IT and RF who are interested in learning about unfamiliar topics. Chapters are written to be accessible and easy to understand by all levels of engineers and technicians. A wide range

of related topics that engineers and technical managers need to understand are covered, including broadcast documentation, FCC practices, technical standards, security, safety, disaster planning, facility planning, project management, and engineering management.

Progress in Advanced Computing and Intelligent Engineering Khalid Saeed 2018-02-08 The book focuses on both theory and applications in the broad areas of communication technology, computer science and information security. This two volume book contains the Proceedings of International Conference on Advanced Computing and Intelligent Engineering. These volumes bring together academic scientists, professors, research scholars and students to share and disseminate information on knowledge and scientific research works related to computing, networking, and informatics to discuss the practical challenges encountered and the solutions adopted. The book also promotes translation of basic research into applied investigation and convert applied investigation into practice.

Silicon Docks Joanna Roberts 2015-01-19 Over the past fifteen years, many of the world's biggest technology firms have opened offices in Dublin. But just how did the Irish government convince the likes of Google, Facebook, Twitter and LinkedIn to set up bases in Ireland? Find out how a series of last-minute negotiations between the IDA and Google convinced Sergey Brin and Larry Page to locate their European headquarters in Ireland instead of Switzerland. Discover the difficulty Facebook faced when it tried to register its company name in Ireland, as another firm had a similar name. Learn how a tweet to Twitter co-founder Biz Stone helped woo the social media platform. In Silicon Docks, a team of Irish journalists tell the inside story of how Dublin's decaying docklands were transformed into a hub for tech companies wanting to expand into Europe, and how attracting such firms helped kick-start Ireland's very own entrepreneurial boom. Tax is top of the agenda as Ireland fights off competition from other countries to be Europe's answer to Silicon Valley, but could changes on the horizon see government plans to attract more tech players unravel?

High-Impact Human Capital Strategy Jack Phillips 2015-08-26 Human Resources used to be about recruiting good people, preparing them for assignments, motivating them to perform, and retaining them. Do these things well and your well-oiled machine will operate as planned. But in today's turbulent and increasingly broadening economy, HR must go beyond its traditional focus if a company is to also expand and become as far-reaching as the times are trying to take it. While the core plan of recruit, prepare, motivate, and retain is still essential, High-Impact Human Capital Strategy examines 12 critical forces that must also be evaluated and maximized if a company is to continue its success, including: globalization, changes in workforce demographics, skill shortages and mismatches in labor markets, environmental matters, and more. Readers will learn how to design human capital programs that:• Incorporate each of the 12 critical forces into an effective overall plan• Connect with business measures• Achieve positive ROI• Ensure critical talent is in place• Boost engagement• Address work/life balance and other social issues• Reduce the need to outsourceComplete with case studies and step-by-step guidelines to help you move beyond the traditional focus of Human Resources, the indispensable plans of attack found in High-Impact Human Capital deliver measurable value in the face of ongoing challenges that are not going away.

The Entrepreneurial Engineer Michael B. Timmons 2014 Written by teachers and successful entrepreneurs, this textbook includes guidance, instruction and practical lessons for the prospective entrepreneur.

Web Engineering Marco Brambilla 2021-05-11 This book constitutes the proceedings of the 21st International Conference on Web Engineering, ICWE 2021, which was supposed to be held in Biarritz, France, in May 2021. Due to the corona pandemic the conference changed to a virtual format. The total of 22 full and 13 short contributions presented in this volume were carefully reviewed and selected from 128 submissions. The book also contains 6 demonstration, 1 poster, 3 PhD, and 3 tutorial papers. The papers were organized in topical sections named: Semantic Web; social Web; Web modeling and engineering; Web big data and data analytics; Web mining and knowledge extraction; Web of Things; Web programming; Web user interfaces; PhD symposium; posters and demonstrations; and tutorials.

Nature-Inspired Intelligent Techniques for Solving Biomedical Engineering Problems Kose, Utku 2018-03-31 Technological tools and computational techniques have enhanced the healthcare industry. These advancements have led to significant progress and novel opportunities for biomedical engineering. Nature-Inspired Intelligent Techniques for Solving Biomedical Engineering Problems is a pivotal reference source for emerging scholarly research on trends and techniques in the utilization of nature-inspired approaches in biomedical engineering. Featuring extensive coverage on relevant areas such as artificial intelligence, clinical decision support systems, and swarm intelligence, this publication is an ideal

resource for medical practitioners, professionals, students, engineers, and researchers interested in the latest developments in biomedical technologies.

Advances on Broad-Band Wireless Computing, Communication and Applications Leonard Barolli 2016-10-21 The success of all-IP networking and wireless technology has changed the ways of living the people around the world. The progress of electronic integration and wireless communications is going to pave the way to offer people the access to the wireless networks on the fly, based on which all electronic devices will be able to exchange the information with each other in ubiquitous way whenever necessary. The aim of the volume is to provide latest research findings, innovative research results, methods and development techniques from both theoretical and practical perspectives related to the emerging areas of broadband and wireless computing. This proceedings volume presents the results of the 11th International Conference on Broad-Band Wireless Computing, Communication And Applications (BWCCA-2016), held November 5-7, 2016, at Soonchunhyang University, Asan, Korea.

New Trends on System Science and Engineering H. Fujita 2015-06-23 System science and engineering is a field that covers a wide spectrum of modern technology. A system can be seen as a collection of entities and their interrelationships, which forms a whole greater than the sum of the entities and interacts with people, organisations, cultures and activities and the interrelationships among them. Systems composed of autonomous subsystems are not new, but the increased complexity of modern technology demands ever more reliable, intelligent, robust and adaptable systems to meet evolving needs. This book presents papers delivered at the International Conference on System Science and Engineering (ICSSE2015), held in Morioka, Japan, in July 2015. Some of the topics covered here include: systems modeling, tools and simulation; cloud robotics and computing systems; systems safety and security; smart grid, human systems and industrial organization and management; and novel applications of systems engineering and systems architecture. Capturing as it does the latest state-of-the-art and challenges in system sciences and its supporting technology, this book will be of interest to all those involved in developing and using system science methodology, tools and techniques

Engineering Innovation Benjamin M. Legum 2019-07-08 Engineering Innovation is an overview of the interconnected business and product development techniques needed to nurture the development of raw, emerging technologies into commercially viable products. This book relates Funding Strategies, Business Development, and Product Development to one another as an idea is refined to a validated concept, iteratively developed into a product, then produced for commercialization. Engineering Innovation also provides an introduction to business strategies and manufacturing techniques on a technical level designed to encourage passionate clinicians, academics, engineers and savvy entrepreneurs. Offers a comprehensive overview of the process of bringing new technology to market. Identifies a variety of technology management skill sets and management tools. Explores concept generation in conjunction with intellectual property development for early-stage companies. Explores Quality and Transfer-to-Manufacturing.

Software Telemetry Jamie Riedesel 2021-08-31 Software Telemetry is a guide to operating the telemetry systems that monitor and maintain your applications. It takes a big picture view of telemetry, teaching you to manage your logging, metrics, and events as a complete end-to-end ecosystem. You'll learn the base architecture that underpins any software telemetry system, allowing you to easily integrate new systems into your existing infrastructure, and how these systems work under the hood. Throughout, you'll follow three very different companies to see how telemetry techniques impact a greenfield startup, a large legacy enterprise, and a non-technical organization without any in-house development. You'll even cover how software telemetry is used by court processes--ensuring that when your first telemetry subpoena arrives, there's no reason to panic!

Advanced Information Systems Engineering Workshops Xavier Franch 2013-06-20 This book constitutes the thoroughly refereed proceedings of eight international workshops held in Valencia, Spain, in conjunction with the 25th International Conference on Advanced Information Systems Engineering, CAiSE 2013, in June 2013. The 36 full and 12 short papers have undertaken a high-quality and selective acceptance policy, resulting in acceptance rates of up to 50% for full research papers. The eight workshops were Approaches for Enterprise Engineering Research (AppEER), International Workshop on BUSiness/IT ALignment and Interoperability (BUSITAL), International Workshop on Cognitive Aspects of Information Systems Engineering (COGNISE), Workshop on Human-Centric Information Systems (HC-IS), Next Generation Enterprise and Business Innovation Systems (NGEBIS), International Workshop on Ontologies and Conceptual Modeling (OntoCom), International Workshop on Variability Support in Information Systems (VarIS), International Workshop on Information Systems Security Engineering

(WISSE).

Modular Systems for Energy Usage Management Yatish T. Shah 2020-01-22 "...[a] very unique book that integrates benefits of modular systems for enhanced sustainability to meet the global challenges of rapid and sometimes uncontrolled industrialization in the 21st century."—Pinakin Patel, T2M Global This book examines the role of the modular approach for the back end of the energy industry—energy usage management. It outlines the use of modular approaches for the processes used to improve energy conservation and efficiency, which are preludes to the prudent use of energy. Since energy consumption is conventionally broken down into four sectors—residential, transportation, industrial, and commercial—the discussions on energy usage management are also broken down into these four sectors in the book. The book examines the use of modular systems for five application areas that cover the sectors described above: buildings, vehicles, computers and electrical/electronic products, district heating, and wastewater treatment and desalination. This book also discusses the use of a modular approach for energy storage and transportation. Finally, it describes how the modular approach facilitates bottom-up, top-down, and hybrid simulation and modeling of the energy systems from various scientific and socioeconomic perspectives. Aimed at industry professionals and researchers involved in the energy industry, this book illustrates in detail, with the help of concrete industrial examples, how a modular approach can facilitate management of energy usage.

Social Network Engineering for Secure Web Data and Services Luca Caviglione 2013-01-01 "This book provides empirical research on the engineering of social network infrastructures, the development of novel applications, and the impact of social network- based services over the internet"--Provided by publisher.

Practical Reverse Engineering Bruce Dang 2014-02-03 Analyzing how hacks are done, so as to stop them in thefuture Reverse engineering is the process of analyzing hardware orsoftware and understanding it, without having access to the sourcecode or design documents. Hackers are able to reverse engineersystems and exploit what they find with scary results. Now the goodguys can use the same tools to thwart these threats. PracticalReverse Engineering goes under the hood of reverse engineeringfor security analysts, security engineers, and system programmers,so they can learn how to use these same processes to stop hackersin their tracks. The book covers x86, x64, and ARM (the first book to cover allthree); Windows kernel-mode code rootkits and drivers; virtualmachine protection techniques; and much more. Best of all, itoffers a systematic approach to the material, with plenty ofhands-on exercises and real-world examples. Offers a systematic approach to understanding reverseengineering, with hands-on exercises and real-world examples Covers x86, x64, and advanced RISC machine (ARM) architecturesas well as deobfuscation and virtual machine protectiontechniques Provides special coverage of Windows kernel-mode code(rootkits/drivers), a topic not often covered elsewhere, andexplains how to analyze drivers step by step Demystifies topics that have a steep learning curve Includes a bonus chapter on reverse engineering tools Practical Reverse Engineering: Using x86, x64, ARM, WindowsKernel, and Reversing Tools provides crucial, up-to-dateguidance for a broad range of IT professionals.

The Internet Peering Playbook William B. Norton 2011-08-08

Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing Roger Lee 2017-06-23 This book gathers 14 of the most promising papers presented at the 18th IEEE/ACIS International Conference on Software Engineering, Artificial Intelligence, Networking and Parallel/Distributed Computing (SNPD 2017), which was held on June 26–28, 2017 in Kanazawa, Japan. The aim of this conference was to bring together researchers and scientists, businessmen and entrepreneurs, teachers, engineers, computer users, and students to discuss the various fields of computer science and to share their experiences and exchange new ideas and information in a meaningful way. The book presents research findings concerning all aspects (theory, applications and tools) of computer and information science, and discusses the practical challenges encountered along the way, as well as the solutions adopted to solve them.

Applied Engineering, Materials and Mechanics Jong Wan Hu 2016-07-14 ICAEMM2016 is an annual international conference that aims to present research outcomes undertaken in applied engineering, materials and mechanics. The book is a collection of 48 selected peer-reviewed articles, organized into three main chapters — advanced materials and power energy theory and studies; management technology and construction engineering applications; and mechanical and hydrology engineering design and applications. This conference brings together scientists, scholars, engineers and students from universities, research institutes and industries all over the world to share their latest research results. The

conference also fosters collaboration among organizations and researchers alike in the areas of applied mechanics and materials science. Contents:

Linear Pressure Loss of Spray Hose (Y Gong, X Zhang, G Wang, X Chen, D J Liu and L Pei)MEMS Based Device for Steering Wheel Angle Experimental Measuring (Radu Drosescu and Silviu Zamfir)Mechanical Property Changes of KNO3 Salt Bath Nitrided Duplex Stainless Steel (Jamshid D Schurdjanov and I S Kim)Wastewaters Treatment and Drinking Water Purification with Complex Automated Electrolysis Unit (E Arakcheev, M Brunman, A Konyashin, V Brunman and A Petkova)Development and Application of Comprehensive Drought Evaluation Model for Irrigation District in North China (J Q Ma, Z W Zhang and R Weis) Readership: Academics, professionals, postgraduate and graduate students in materials engineering, materials science and applied mechanics.

Cooperative Design, Visualization, and Engineering Yuhua Luo 2018-09-21 This book constitutes the refereed proceedings of the 15th International Conference on Cooperative Design, Visualization, and Engineering, CDVE 2018, held in Hangzhou, China, in October 2018. The 34 full papers presented in this book together with 15 short papers were carefully reviewed and selected from 75 submissions. The papers cover a broad range of topics in the field of cooperative visualization; cooperative design; cooperative engineering; basic theories, methods and technologies that support CDVE; and cooperative applications.

Social Media & Electronic Commerce Law

Engineering Your Future David Dowling 2019-09-23 Dowling's Engineering Your Future: An Australasian Guide, Fourth Edition is used for first year, core subjects across all Engineering disciplines. Building on the previous editions, this text has been updated with new references, while still maintaining a strong and practical emphasis on skills that are essential for problem solving and design. Numerous topical and locally focused examples of projects across engineering disciplines help demonstrate the role and responsibilities of a professional engineer. Themes of sustainability, ethical practice and effective communication are a constant throughout the text. This full-coloured print with interactive e-text resource has a variety of digital media embedded at the point of learning such as videos and knowledge-check questions to engage students and to help consolidate their learning.

Achieving DevOps Dave Harrison 2019-05-22 Ben is stuck. A development lead with a strong vision for how the intersection of development and operations at his office can be improved, he can't help but feel overwhelmed and discouraged by common problems such as slow turnaround time, rushed and ineffective handover documentation, mounting technical debt, and a lagging QA process. What steps should Ben take to build the momentum needed to create positive changes within his company? In this unique business novel by Dave Harrison and Knox Lively, two DevOps professionals with years of diverse experience in the industry, you follow Ben as he solves work frustrations in order to adopt Agile, DevOps, and microservices architectures for his organization. Achieving DevOps addresses the "Now what?" moment many DevOps professionals face on their journey. The story provides you with the knowledge you need to navigate the internal political waters, build management support, show measurable results, and bring DevOps successfully into your organization. Come away with practical lessons and timeless business concepts. You'll know how to effect change in a company from the bottom up, gain support, and instill a pattern of progressively building on success. Experience Ben's progress vicariously in Achieving DevOps and bridge the gap between inspiration and the implementation of your own DevOps practices. Who This Book Is For Those serving as change agents who are working to influence and move their organizations toward a DevOps approach to software development and deployment: those working to effect change from the bottom up such as development leads, QA leads, project managers, and individual developers; and IT directors, CTOs, and others at the top of an organization who are being asked to lend their support toward DevOps implementation efforts

Advanced Information Systems Engineering Workshops Marko Bajec 2012-07-04 This book constitutes the thoroughly refereed proceedings of eight international workshops held in Gda?sk, Poland, in conjunction with the 24th International Conference on Advanced Information Systems Engineering, CAiSE 2012, in June 2012. The 35 full and 17 short revised papers were carefully selected from 104 submissions. The eight workshops were Agility of Enterprise Systems (AgilES), Business/IT Alignment and Interoperability (BUSITAL), Enterprise and Organizational Modeling and Simulation (EOMAS), Governance, Risk and Compliance (GRCIS), Human-Centric Process-Aware Information Systems (HC-PAIS), System and Software Architectures (IWSSA), Ontology, Models, Conceptualization and Epistemology in Social, Artificial and Natural Systems (ONTOSE), and Information Systems Security Engineering (WISSE).

Engineering 1892

The 10th International Conference on Computer Engineering and Networks Qi Liu 2020-10-05 This book

contains a collection of the papers accepted by the CENet2020 – the 10th International Conference on Computer Engineering and Networks held on October 16-18, 2020 in Xi'an, China. The topics focus but are not limited to Internet of Things and Smart Systems, Artificial Intelligence and Applications, Communication System Detection, Analysis and Application, and Medical Engineering and Information Systems. Each part can be used as an excellent reference by industry practitioners, university faculties, research fellows and undergraduates as well as graduate students who need to build a knowledge base of the most current advances and state-of-practice in the topics covered by this conference proceedings. This will enable them to produce, maintain, and manage systems with high levels of trustworthiness and complexity.

Bioinformatics and Biomedical Engineering Francisco Ortuño 2015-03-16 The two volume set LNCS 9043 and 9044 constitutes the refereed proceedings of the Third International Conference on Bioinformatics and Biomedical Engineering, IWBBIO 2015, held in Granada, Spain, in April 2015. The 135 papers presented were carefully reviewed and selected from 268 submissions. The scope of the conference spans the following areas: bioinformatics for healthcare and diseases, biomedical engineering, biomedical image analysis, biomedical signal analysis, computational genomics, computational proteomics, computational systems for modelling biological processes, e Health, next generation sequencing and sequence analysis, quantitative and systems pharmacology, Hidden Markov Model (HMM) for biological sequence modeling, advances in computational intelligence for bioinformatics and biomedicine, tools for next generation sequencing data analysis, dynamics networks in system medicine, interdisciplinary puzzles of measurements in biological systems, biological networks, high performance computing in bioinformatics, computational biology and computational chemistry, advances in drug discovery and ambient intelligence for bio emotional computing.

Product Lifecycle Management: Towards Knowledge-Rich Enterprises Louis Rivest 2012-12-22 This book constitutes the refereed post-proceedings of the 9th IFIP WG 5.1 International Conference on Product Lifecycle Management, PLM 2012, held in Montreal, Canada, in July 2012. The 58 full papers presented were carefully reviewed and selected from numerous submissions. They cover a large range of topics such as collaboration in PLM, tools and methodologies for PLM, modeling for PLM, and PLM implementation issues.

Computer Engineer Ruchi Sanghvi Laura Hamilton Waxman 2015 Discusses Sanghvi's early life in India and education in the U.S., as well as how her work as the first female engineer at Facebook helped it become the largest social networking site in the world.

dropbox-user-operations-engineer