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Accelerate The Science Of Lean Software And Devops Building And Scaling High Performing Technology Organizations

Develop lean iOS and Android apps using industry standard techniques and lean development practices. About This Book Build ready-to-deploy apps with less iterations and shorter development times Adopt the lean startup methodologies to develop iOS and Android apps that shine in the App Store This hands-on guide puts continuous innovation into practice to develop successful mobile apps Who This Book Is For This book is for developers, CTOs, and architects working for a startup or another kind of lean startup environment, such as start-up within a cooperation. It is ideal for any iOS and Android developer who wants to build successful mobile apps by adopting the lean startup methodology. What You Will Learn Apply the lean startup methodology to real Android and iOS development Define what your hypotheses are by creating an Minimal Viable Product Validate your idea against the Business Model Canvas Gather feedback through statistics and by getting user comments, learn from it, and adapt your app accordingly Develop skills and devise strategies to build versatile and flexible apps that meet changing business requirements Investigate the possibilities when you need to pivot your start-up idea whether in a startup or an established business. Create a successful app and get tips on how to boost conversion and how to optimize the on boarding process. In Detail Lean is the ultimate methodology for creating a startup that succeeds. Sounds great from a theoretical point of view, but what does that

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mean for you as an a technical co-founder or mobile developer? By applying the Lean Start-up methodology to your mobile App development, it will become so much easier to build apps that take Google Play or the App Store by storm. This book shows you how to bring together smarter business processes with technical know-how. It makes no sense to develop a brilliant app for six months or longer only to find out later that nobody is interested in it. Build a Minimum Viable Product (MVP) first. Validate your hypotheses early and often. Discover effective product development strategies that let you put Facebook's famous axiom "move fast and break things" into practice. A great app without visibility and marketing clout is nothing, so use this book to market your app, making use of effective metrics that help you track and iterate all aspects of project performance. Style and approach This book takes a hands-on approach to developing apps through the Lean Start-up Methodology. Following a 50% business and 50% tech approach, this book is filled with practical examples and real-world experiments. PRINT/ONLINE PRICING OPTIONS AVAILABLE UPON REQUEST AT e-reference@taylorandfrancis.com

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Healthcare organizations that have already applied Lean thinking to their processes, with the diligence of effective management and strong leadership support, are now realizing the benefits of their efforts. And, many of those benefits surpass what was thought possible just a few years ago. To be successful, these organizations had to provide the

Despite the fact that we are a diet-crazed society, the obesity epidemic has reached an all time high in 2016. Obviously, our

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so-called "War on Obesity" isn't working. Dr. Heidi Wohlrabe and Ileana Riveron blow the whistle on the 60 billion dollar weight loss industry and expose dieting as the gateway drug that leads to anorexia, bulimia, binge-eating, obesity and every other form of disordered eating. Using wit and humor to make complex topics easy to digest, they deliver: scientific evidence to dispel myths about exercise and dieting, secrets to gaining a faster metabolism, pathways to recovery from obesity, eating disorders and body dissatisfaction, and psychological tools necessary for sustained success. Healthy and Lean: The Science of Metabolism and the Psychology of Weight Management empowers readers with a research-based understanding of nutritional science so that they can escape fad diets and become happy, healthy and lean for life.

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Em O Projeto Unicórnio, acompanhamos Maxine, uma arquiteta e desenvolvedora líder sênior, enquanto ela é exilada para o Projeto Fênix, para horror de seus amigos e colegas, como punição por uma suposta participação em um problema na folha de pagamento. Ela tenta sobreviver no que parece ser uma disfunção burocrática infinita e sem precedentes. Um dia, é abordada por um bando de desajustados que dizem que querem derrubar a ordem existente, liberar desenvolvedores, trazer a alegria de volta ao trabalho com tecnologia e fazer com que o negócio revolucione o setor. Vivemos a Era do Software, e esta é uma história sobre

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desenvolvedores rebeldes e líderes de negócios trabalhando juntos, correndo contra o tempo para inovar, sobreviver e prosperar em uma época de muitas incertezas... mas, sem dúvida, também de muitas oportunidades.

Quality Improvement: A Guide for Integration in Nursing serves as a comprehensive resource for teaching practicing nurses and nursing students about the importance of improving patient care and reducing errors through quality improvement.

A planning document for the FY 94-99 Science & Technology program. Discusses technology for logistics & technology for test. Program descriptions for: aircraft, missiles & munitions, launch systems, C3I mission electronics, spacecraft, aerospace sustainment, manufacturing systems, & advanced manufacturing. Glossary. Charts, tables & drawings.

An updated edition of a classic: an indispensable companion for a new era in cycling. The bicycle is almost unique among human-powered machines in that it uses human muscles in a near-optimum way. This essential volume offers a comprehensive account of the history of bicycles, how human beings propel them, what makes them go faster—and what keeps them from going even faster. Over the years, and through three previous editions, *Bicycling Science* has become the bible of technical bicycling not only for designers and builders of bicycles but also for cycling enthusiasts. After a brief history of

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bicycles and bicycling that demolishes many widespread myths, this fourth edition covers recent experiments and research on human-powered transportation, with updated material on cycling achievements, human-powered machines for use on land and in air and water, power-assisted bicycles, and human physiology. The authors have also added new information on aerodynamics, rolling drag, transmission of power from rider to wheels, braking, heat management, steering and stability, power and speed, and other topics. This edition also includes many new references and figures. With racks of bikeshare bikes on city sidewalks, and new restrictions on greenhouse gas-emitting cars, bicycle use will only grow. This book is the indispensable companion for a new era in cycling.

?????:The machine that changed the world

The book contains the proceedings of the Fifth International Congress on Science and Skiing. The scientific program again offered a broad spectrum of current research work in Alpine Skiing, Snowboarding, Cross-country Skiing and Ski Jumping.

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As the service sector expands into the global economy, a new science of service is emerging, one that is dedicated to encouraging service innovation by applying scientific understanding, engineering discipline, and management

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practice to designing, improving, and scaling service systems. Handbook of Service Science takes the first major steps to clarifying the definition, role, and future of this nascent field. Incorporating work by scholars from across the spectrum of service research, the volume presents multidisciplinary perspectives on the nature and theory of service, on current research and practice in design, operations, delivery, and innovation of service, and on future opportunities and potential of service research. Handbook of Service Science provides a comprehensive reference suitable for a wide-reaching audience including researchers, practitioners, managers, and students who aspire to learn about or to create a deeper scientific foundation for service design and engineering, service experience and marketing, and service management and innovation.

Provides a full view of China's science and technology policy, plus an historical perspective on the development of her science, technology, and industry.

Following the success of the previous editions, this popular introductory text continues to provide thorough, up-to-date information covering a broad range of topics in food science, with emphasis on food processing and handling and the methodology of specific foods. Presenting a multitude of easy-to-understand figures, tables, illustrated concepts and methods. This text maintains the strengths of the previous edition while adding new information. The book opens with a revised chapter on what food science actually is, detailing the progression of food science from beginning to future.

Succeeding chapters include the latest information on food chemistry and dietary recommendations, food borne diseases and microbial activity. A complete revision of HACCP is outlined, accompanied by numerous examples of flow charts and applications, as well as major additions on food labeling. Extensive updates have been made on processing methods

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and handling of foods, such as new procedures on: candy making; coffee and tea production; beer and wine production; soft drinks; ultra high temperature processing; aseptic packaging; aquaculture and surimi; and UHT and low temperature pasteurization of milk. In addition, there is a completely new section which includes safety and sanitation as well as laboratory exercises in sensory, microbiological, chemical quality test, and processing methods for a variety of the foods described in previous chapters.

This series was organized to provide a forum for review papers in the area of corrosion. The aim of these reviews is to bring certain areas of corrosion science and technology into a sharp focus. The volumes of this series are published approximately on a yearly basis and each contains three to five reviews. The articles in each volume are selected in such a way as to be of interest both to the corrosion scientists and the corrosion technologists. There is, in fact, a particular aim in juxtaposing these interests because of the importance of mutual interaction and interdisciplinarity so important in corrosion studies. It is hoped that the corrosiori scientists in this way may stay abreast of the activities in corrosion technology and vice versa. In this series the term "corrosion" is used in its very broadest sense. It includes, therefore, not only the degradation of metals in aqueous en vironment but also what is commonly referred to as "high-temperature oxidation. " Further, the plan is to be even more general than these topics; the series will include all solids and all environments. Today, engineering solids include not only metals but glasses, ionic solids, polymeric solids, and composites of these. Environments of interest must be extended to liquid metals, a wide variety of gases, nonaqueous electrolytes, and other non aqueous liquids.

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I name the “Almighty.” This potential reality is forward-leaning and thus has the unidirectional dimension of time, which must also be quantized. Since energy is oriented toward establishing systems, the Almighty must also have a systemic aspect. The author establishes that evolution is not only biological but logical. He shows how from the Almighty logically evolved a quantized, bidirectional, four-dimensional field. By progressively breaking the symmetries of this field, he is able to show how the four forces of physics logically evolved. He subsequently shows how our world as we observe it today logically evolved from the Almighty. Whether this Almighty is impersonal or personal is discussed at length. Finally, the author also shows that beyond the entropic decay of our world, our physical world will end a “Big Collapse.” Nonetheless, because energy is conservative and eternal, the author shows how there remains the logistical possibility of a transcendently evolved afterlife in the Almighty.

Nowadays it is impossible to imagine a business without technology as most industries are becoming "smarter" and more tech-driven, ranging from small individual tech initiatives to complete business models with intertwined supply chains and "platform"-based business models. New ways of working, such as agile and DevOps, have been introduced, leading to new risks. These risks come in the form of new challenges for teams working together in a distributed manner, privacy concerns, human autonomy, and cybersecurity concerns. Technology is now integrated into the business discipline and is here to stay leading to the need for a thorough understanding of how to address these risks and all the potential problems that could arise. With the advent of organized crime, such as hacks and denial-of-service attacks, all kinds of

malicious actors are infiltrating the digital society in new and unique ways. Systems with poor design, implementation, and configurations are easily taken advantage of. When it comes to integrating business and technology, there needs to be approaches for assuring security against risks that can threaten both businesses and their digital platforms. Strategic Approaches to Digital Platform Security Assurance offers comprehensive design science research approaches to extensively examine risks in digital platforms and offer pragmatic solutions to these concerns and challenges. This book addresses significant problems when transforming an organization embracing API-based platform models, the use of DevOps teams, and issues in technological architectures. Each section will examine the status quo for business technologies, the current challenges, and core success factors and approaches that have been used. This book is ideal for security analysts, software engineers, computer engineers, executives, managers, IT consultants, business professionals, researchers, academicians, and students who want to gain insight and deeper knowledge of security in digital platforms and gain insight into the most important success factors and approaches utilized by businesses.

The first textbook devoted to this emerging area, Health Systems Science now brings you fully up to date with today's key issues and solutions. This increasingly important branch of health care explores how health care is delivered, how health care professionals work together to deliver that care, and how the health system can

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improve patient care and health care delivery. Along with basic and clinical sciences, health systems science is rapidly becoming a crucial 'third pillar' of medical science, with an emphasis on understanding the role of human factors, systems engineering, leadership, and patient improvement strategies that will help transform the future of health care and ensure greater patient safety. In this 2nd Edition, new chapters, new exercises, and new information help you acquire the knowledge and skills you need for success in today's challenging healthcare system. The first comprehensive text for mastering health systems science, offering practical coverage of all of the factors in the lives of patients that influence their well-being, the structures and processes of the health system itself, societal factors, communication, and information technology. NEW to this edition: New content on systems thinking, ethics and legal issues, and international care models further define and address this new important component of health care education; additional exercises; and expanded information on the patient experience and private practice. Complete coverage of patient safety, quality improvement, value in health care, teamwork, stewardship of health care resources, population health, clinical informatics, care coordination, leadership, and health care financing/reform. Patient improvement strategies incorporate checklists, information technology, team training, and more. A consistent chapter template provides clear coverage of each topic, including Learning Objectives, Chapter Outline, Core Chapter Content, Summary, Questions for Reflection, and Annotated

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Running can encompass the absolute extremes of human performance, from speed to endurance. Running Science uncovers the fundamental science that underpins this ubiquitous sport, bringing together the study of biomechanics, nutrition, psychology, health and injury prevention, and the technical development of shoes and running surfaces: it's a complete reference. Winner of the Shingo Publication Award Accelerate your organization to win in the marketplace. How can we apply technology to drive business value? For years, we've been told that the performance of software delivery teams doesn't matter—that it can't provide a competitive advantage to our companies. Through four years of groundbreaking research to include data collected from the State of DevOps reports conducted with Puppet, Dr. Nicole Forsgren, Jez Humble, and Gene Kim set out to find a way to measure software delivery performance—and what drives it—using rigorous statistical methods. This book presents both the findings and the science behind that research, making the information accessible for readers to apply in their own organizations. Readers will discover how to measure the

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performance of their teams, and what capabilities they should invest in to drive higher performance. This book is ideal for management at every level.

Finally, the authoritative resource that serious cyclists have been waiting for has arrived. The perfect blend of science and application, *Cycling Science* takes you inside the sport, into the training room and research lab, and onto the course. A remarkable achievement, *Cycling Science* features the following:

- Contributions from 43 top cycling scientists and coaches from around the world
- The latest thinking on the rider-machine interface, including topics such as bike fit, aerodynamics, biomechanics, and pedaling technique
- Information about environmental stressors, including heat, altitude, and air pollution
- A look at health issues such as on-bike and off-bike nutrition, common injuries, fatigue, overtraining, and recovery
- Help in planning training programs, including using a power meter, managing cycling data, off-the-bike training, cycling specific stretching, and mental training
- The latest coaching and racing techniques, including pacing theories, and strategies for road, track, MTB, BMX, and ultra-distance events

In this book, editors and cycling scientists Stephen Cheung, PhD, and Mikel Zabala, PhD, have assembled the latest information for serious cyclists. Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

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"This book explores areas such as strategy development, service contracts, human capital management, leadership, management, marketing, e-government, and e-commerce"--Provided by publisher.

How can we identify the young men and women who, as social and behavioral scientists of tomorrow, will do the needed research to resolve our burgeoning social problems? How can the most promising be attracted to an investigatory career? How can they become identified with the behaviors, attitudes and values that persons in science share? A provocative body of literature about the psychology of the scientist and his career emerged in the post-Sputnik era. Drs. Eiduson and Beckman bring together more than seventy of the most significant and representative studies. These range over childhood and family influences, academic experiences, motivations, interests, and intellectual and personality strengths that have been examined as precursors for choosing science as adult work. The psychological mechanisms involved in socializing a young person toward a scientific career are suggested in readings from the outstanding theoreticians in the field. Selections on scientific career lines, decisions and options at various stages of work, and factors influencing goals and career development contribute to the understanding of the psychological life of the highly endowed and well-functioning professional adult. Through showing the certain completeness of effort of what has been learned about the psychology of scientists to date, the authors anticipate a resurgence of interest in the creative individual, a renewed enthusiasm for application, and a refocusing of research on the

