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A PhD Is Not Enough! - Peter J. Feibelman
2011-01-11

Everything you ever need to know about making it as a scientist. Despite your graduate education, brainpower, and technical prowess, your career in scientific research is far from assured. Permanent positions are scarce, science survival is rarely part of formal graduate training, and a good mentor is hard to find. In *A Ph.D. Is Not Enough!*, physicist Peter J. Feibelman lays out a rational path to a fulfilling long-term research career. He offers sound advice on selecting a thesis or postdoctoral adviser; choosing among research jobs in academia, government laboratories, and industry; preparing for an employment interview; and defining a research program. The guidance offered in *A Ph.D. Is Not Enough!* will help you make your oral presentations more effective, your journal articles more compelling, and your grant proposals more successful. A classic guide for recent and soon-to-be graduates, *A Ph.D. Is Not Enough!* remains required reading for anyone on the threshold of a career in science. This new edition includes two new chapters and is revised and updated throughout to reflect how the revolution in electronic communication has transformed the field.

Service Orchestration as Organization - Malinda Kapuruge 2014-08-12

Service orchestration techniques combine the benefits of Service Oriented Architecture (SOA) and Business Process

Management (BPM) to compose and coordinate distributed software services. On the other hand, Software-as-a-Service (SaaS) is gaining popularity as a software delivery model through cloud platforms due to the many benefits to software vendors, as well as their customers. Multi-tenancy, which refers to the sharing of a single application instance across multiple customers or user groups (called tenants), is an essential characteristic of the SaaS model. Written in an easy to follow style with discussions supported by real-world examples, *Service Orchestration as Organization* introduces a novel approach with associated language, framework, and tool support to show how service orchestration techniques can be used to engineer and deploy SaaS applications. Describes the benefits as well as the challenges of building adaptive, multi-tenant software service applications using service-orchestration techniques Provides a thorough synopsis of the current state of the art, including the advantages and drawbacks of the adaptation techniques available Describes in detail how the underlying framework of the new approach has been implemented using available technologies, such as business rules engines and web services

Computer Science and Informatics - 1984

DATA COMMUNICATION AND COMPUTER NETWORKS - AJIT PAL

2013-11-02

Intended primarily as a textbook for the students of computer science and engineering, electronics and communication engineering, master of computer applications (MCA), and those offering IT courses, the book provides a comprehensive coverage of the subject. Basic elements of communication such as data, signal and channel alongwith their characteristics such as bandwidth, bit internal and bit rate have been explained. Contents related to guided and unguided transmission media, Bluetooth wireless technology, developed for Personal Area Network (PAN) and issues related to routing covering popular routing algorithms namely RIP, OSPF and BGP, have been introduced in the book. Various aspects of data link control alongwith their application in HDLC network and techniques such as encoding, multiplexing and encryption/decryption are presented in detail. Characteristics and implementation of PSTN, SONET, ATM, LAN, PACKET RADIO network, Cellular telephone network and Satellite network have also been explained. Different aspects of IEEE 802.11 WLAN and congestion control protocols have also been discussed in the book. Key Features • Each chapter is divided into section and subsection to provide flexibility in curriculum design. • The text contains numerous solved examples, and illustrations to bring clarity to the subject and enhance its understanding. • Review questions given at the end of each chapter, are meant to enable the teacher to test student's grasping of the subject.

From Dissertation to Book - William Germano 2008-04-15

All new Phd's hope that their dissertations can become books. But a dissertation is written for a committee and a book for the larger world. William Germano's From Dissertation to Book is the essential guide for academic writers who want to revise a doctoral thesis for publication. The author of Getting It Published, Germano draws upon his extensive experience in academic publishing to provide writers with a state-

of-the-art view of how to turn a dissertation into a manuscript that publishers will notice. Acknowledging first that not all theses can become books, Germano shows how some dissertations might have a better life as one or more journal articles or as chapters in a newly conceived book. But even dissertations strong enough to be published as books first need to become book manuscripts, and at the heart of From Dissertation to Book is the idea that revising the dissertation is a fundamental process of adapting from one genre of writing to another. Germano offers clear guidance on how to do just this. Writers will find advice on such topics as rethinking the table of contents, taming runaway footnotes, shaping chapter length, and confronting the limitations of jargon, alongside helpful timetables for light or heavy revision. With crisp directives, engaging examples, and a sympathetic eye for the foibles of academic writing, From Dissertation to Book reveals to recent PhD's the process of careful and thoughtful revision—a truly invaluable skill as they grow into their new roles as professional writers.

Lessons in Chemistry - Bonnie Garmus 2022-04-05

As read on BBC Radio 4 Book at Bedtime THE #1 SUNDAY TIMES BESTSELLER and #1 NEW YORK TIMES BESTSELLER Winner of the Goodreads Choice Best Debut Novel Award A Book of the Year for: Guardian, Times, Sunday Times, Good Housekeeping, Woman and Home, Stylist, TLS, Oprah Daily, Newsweek, Mail on Sunday, New York Times Notable, India Knight, Hay Festival and many others 'Sparky, rip-roaring, funny, with big-hearted fully formed, loveable characters' SUNDAY TIMES 'The most charming, life-enhancing novel I've read in ages. Strongly recommend' INDIA KNIGHT 'Laugh-out-loud funny and brimming with life, generosity and courage' RACHEL JOYCE 'A novel that sparks joy with every page' ELIZABETH DAY _____ Your ability to change everything - including yourself - starts here Chemist Elizabeth Zott is not

your average woman. In fact, Elizabeth Zott would be the first to point out that there is no such thing. But it's the early 1960s and her all-male team at Hastings Research Institute take a very unscientific view of equality. Forced to resign, she reluctantly signs on as the host of a cooking show, Supper at Six. But her revolutionary approach to cooking, fuelled by scientific and rational commentary, grabs the attention of a nation. Soon, a legion of overlooked housewives find themselves daring to change the status quo. One molecule at a time. _____

SOON TO BE A MAJOR APPLE TV SERIAL, STARRING BRIE LARSON 'I loved Lessons in Chemistry and am devastated to have finished it!' NIGELLA LAWSON 'Elizabeth Zott is an iconic heroine - a feminist who refuses to be quashed, a mother who believes that her child is a person to behold, rather than to mould, and who will leave you, and the lens through which you see the world, quite changed' PANDORA SYKES 'It's the world versus Elizabeth Zott, and I had no trouble choosing a side. A page-turning and highly satisfying tale: zippy, zesty, and Zotty' MAGGIE SHIPSTEAD, author of GREAT CIRCLE

Analog/RF and Mixed-Signal Circuit Systematic Design - Mourad Fakhfakh 2013-02-03

Despite the fact that in the digital domain, designers can take full benefits of IPs and design automation tools to synthesize and design very complex systems, the analog designers' task is still considered as a 'handcraft', cumbersome and very time consuming process. Thus, tremendous efforts are being deployed to develop new design methodologies in the analog/RF and mixed-signal domains. This book collects 16 state-of-the-art contributions devoted to the topic of systematic design of analog, RF and mixed signal circuits. Divided in the two parts Methodologies and Techniques recent theories, synthesis techniques and design methodologies, as well as new sizing approaches in the field of robust analog and mixed signal design automation are presented for researchers and R/D

engineers.

USAF Formal Schools - United States. Dept. of the Air Force 1986

Popular Science - 2005-09

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.

Networks, Crowds, and Markets - David Easley 2010-07-19

Are all film stars linked to Kevin Bacon? Why do the stock markets rise and fall sharply on the strength of a vague rumour? How does gossip spread so quickly? Are we all related through six degrees of separation? There is a growing awareness of the complex networks that pervade modern society. We see them in the rapid growth of the Internet, the ease of global communication, the swift spread of news and information, and in the way epidemics and financial crises develop with startling speed and intensity. This introductory book on the new science of networks takes an interdisciplinary approach, using economics, sociology, computing, information science and applied mathematics to address fundamental questions about the links that connect us, and the ways that our decisions can have consequences for others.

Organizing Creativity - Daniel Wessel 2010-01-30

This book was written as a help for individual persons who want to organize their creativity, be it for science (incl. engineering and commercial projects), art, or private projects. Its aim is to enlarge your options when having ideas and to improve the chance of realizing creative projects. It is written as a practical handbook and describes how organization can support generating, capturing, collecting (incl. enlarging, restructuring, etc.) and realizing ideas. While creativity "techniques" are dealt with, the focus is on the infrastructure to enable you to capture

your fleeting ideas and cultivate them to finally realize them as creative projects.
Foundations of Data Science - Avrim Blum
2020-01-23

This book provides an introduction to the mathematical and algorithmic foundations of data science, including machine learning, high-dimensional geometry, and analysis of large networks. Topics include the counterintuitive nature of data in high dimensions, important linear algebraic techniques such as singular value decomposition, the theory of random walks and Markov chains, the fundamentals of and important algorithms for machine learning, algorithms and analysis for clustering, probabilistic models for large networks, representation learning including topic modelling and non-negative matrix factorization, wavelets and compressed sensing. Important probabilistic techniques are developed including the law of large numbers, tail inequalities, analysis of random projections, generalization guarantees in machine learning, and moment methods for analysis of phase transitions in large random graphs. Additionally, important structural and complexity measures are discussed such as matrix norms and VC-dimension. This book is suitable for both undergraduate and graduate courses in the design and analysis of algorithms for data.

Transforming Health Care Through Informatics - Nancy M. Lorenzi 1999

USAF Formal Schools - United States. Department of the Air Force 1986

A Dictionary of Computer Science - Andrew Butterfield 2016

Providing comprehensive coverage of computer applications in industry, school, work, education, and the home, this fully revised dictionary is the ideal reference for students, professionals, and anyone who uses computers.

Computer Science Education Research - Sally Fincher 2004-01-01

This book provides an overview of how to approach computer science education

research from a pragmatic perspective. It represents the diversity of traditions and approaches inherent in this interdisciplinary area, while also providing a structure within which to make sense of that diversity. It provides multiple 'entry points'- to literature, to methods, to topics Part One, 'The Field and the Endeavor', frames the nature and conduct of research in computer science education. Part Two, 'Perspectives and Approaches', provides a number of grounded chapters on particular topics or themes, written by experts in each domain. These chapters cover the following topics: * design * novice misconceptions * programming environments for novices * algorithm visualisation * a schema theory view on learning to program * critical theory as a theoretical approach to computer science education research Juxtaposed and taken together, these chapters indicate just how varied the perspectives and research approaches can be. These chapters, too, act as entry points, with illustrations drawn from published work.

Algorithms for Random Generation and Counting: A Markov Chain Approach - A. Sinclair 2012-12-06

This monograph is a slightly revised version of my PhD thesis [86], completed in the Department of Computer Science at the University of Edinburgh in June 1988, with an additional chapter summarising more recent developments. Some of the material has appeared in the form of papers [50,88]. The underlying theme of the monograph is the study of two classical problems: counting the elements of a finite set of combinatorial structures, and generating them uniformly at random. In their exact form, these problems appear to be intractable for many important structures, so interest has focused on finding efficient randomised algorithms that solve them approximately, with a small probability of error. For most natural structures the two problems are intimately connected at this level of approximation, so it is natural to study them together. At the heart of the monograph is a single algorithmic

paradigm: simulate a Markov chain whose states are combinatorial structures and which converges to a known probability distribution over them. This technique has applications not only in combinatorial counting and generation, but also in several other areas such as statistical physics and combinatorial optimization. The efficiency of the technique in any application depends crucially on the rate of convergence of the Markov chain.

Distributed Computing and Intelligent Technology - Raju Bapi 2022-01-18

This book constitutes the proceedings of the 18th International Conference on Distributed Computing and Intelligent Technology, ICDCIT 2022, held in Bhubaneswar, India, in January 2022. The 11 full papers presented together with 4 short papers were carefully reviewed and selected from 50 submissions. There are also 4 invited papers included. The papers were organized in topical sections named: invited papers, distributed computing and intelligent technology.

The Last Lecture - Randy Pausch 2008-04-08

"We cannot change the cards we are dealt, just how we play the hand."---Randy Pausch A lot of professors give talks titled "The Last Lecture." Professors are asked to consider their demise and to ruminate on what matters most to them. And while they speak, audiences can't help but mull the same question: What wisdom would we impart to the world if we knew it was our last chance? If we had to vanish tomorrow, what would we want as our legacy? When Randy Pausch, a computer science professor at Carnegie Mellon, was asked to give such a lecture, he didn't have to imagine it as his last, since he had recently been diagnosed with terminal cancer. But the lecture he gave--"Really Achieving Your Childhood Dreams"--wasn't about dying. It was about the importance of overcoming obstacles, of enabling the dreams of others, of seizing every moment (because "time is all you have...and you may find one day that you have less than you think"). It was a summation of everything Randy had come

to believe. It was about living. In this book, Randy Pausch has combined the humor, inspiration and intelligence that made his lecture such a phenomenon and given it an indelible form. It is a book that will be shared for generations to come.

Social Science Research - Anol Bhattacharjee 2012-04-01

This book is designed to introduce doctoral and graduate students to the process of conducting scientific research in the social sciences, business, education, public health, and related disciplines. It is a one-stop, comprehensive, and compact source for foundational concepts in behavioral research, and can serve as a stand-alone text or as a supplement to research readings in any doctoral seminar or research methods class. This book is currently used as a research text at universities on six continents and will shortly be available in nine different languages.

Wheat and Rice in Disease Prevention and Health - Ronald Ross Watson 2014-01-22

Wheat and Rice in Disease Prevention and Health reviews the wide range of studies focusing on the health benefits and disease prevention associated with the consumption of wheat and rice, the two most widely consumed whole grains. This book provides researchers, clinicians, and students with a comprehensive, definitive, and up-to-date compendium on the diverse basic and translational aspects of whole grain consumption and its protective effects across human health and disease. It serves as both a resource for current researchers as well as a guide to assist those in related disciplines to enter the realm of whole grain and nutrition research. Overall, studies have shown that a decrease in the amount of whole grains in the modern diet is related to a corresponding increase in health problems that are attributed to this all-too-common dietary imbalance. The resulting health issues associated with an over-processed diet, which provides inadequate levels of nutrients from whole grains, may include obesity, diabetes, high blood lipids, chronic inflammatory states,

and an excess of oxidative stress. Strength and endurance may also suffer as a result of these nutrient deficiencies, followed by declines in energy and immunity. Saves researchers and clinicians time in quickly accessing the latest details on a broad range of nutritional and epidemiological issues Provides a common language for nutritionists, nutrition researchers, epidemiologists, and dietitians to discuss how the action of wheat and rice protect against disease and modify human health Preclinical, clinical, and population studies help nutritionists, dieticians, and clinicians map out key areas for research and further clinical recommendations

Manufacturing Technology - M Adithan 2007

This Textbook Discusses Various Manufacturing Processes Like Welding Techniques, Boring, Broaching, Grinding, Metal Forming, Press Working And Micro Finishing Processes. Each Process Is Comprehensively Illustrated, Defined And Explained To Provide The Reader With An Understanding Of The Process And Its Application. In Addition Chapters Of Metrology And Surface Roughness And Its Measurement Have Also Been Added. Keeping In View The Latest Development, Chapters On Modern Machining Processes, Modern Forming Techniques, Numerical Control Of Machine Tools And Advanced Manufacturing Technologies Have Also Been Dealt With In Detail. Chapters Like Jigs And Fixtures, Surface Preparation And Coating Techniques Have Also Been Discussed. We Hope That The Book Will Be Useful For The Students Of Diploma Programmes In Mechanical Engineering, Production Engineering And Manufacturing Technology. The Book Will Also Be Useful To Technician Engineers, Supervisors, Tool Room Personnel And Operators Working In Manufacturing And Other Industries.

How to Prepare a Dissertation Proposal

- David R. Krathwohl 2005-06-06

This step-by-step guide begins by identifying and defining the basics of a dissertation proposal. With careful consideration, they explore proposal

functions and parts, show how to build your study's chain of reasoning, and carefully review alternate study designs. Chapters are devoted to qualitative studies (sectioned into case studies, philosophical, and historical investigations); quantitative studies (sectioned into experimental, causal modeling, and meta-analysis studies), and mixed-method studies (sectioned into: sample survey, evaluation, development, and demonstration and action projects). Three extensively annotated proposals of former students provide examples of the guidance offered and illustrate common types of studies.

Mathematics for Computer Science - Eric Lehman 2017-03-08

This book covers elementary discrete mathematics for computer science and engineering. It emphasizes mathematical definitions and proofs as well as applicable methods. Topics include formal logic notation, proof methods; induction, well-ordering; sets, relations; elementary graph theory; integer congruences; asymptotic notation and growth of functions; permutations and combinations, counting principles; discrete probability. Further selected topics may also be covered, such as recursive definition and structural induction; state machines and invariants; recurrences; generating functions.

Automata, Languages and Programming - 2000

Computer Algebra In Science And Engineering - Fleischer J 1995-08-31

Systems and tools of computer algebra (Like AXIOM, Derive, FORM, Mathematica, Maple, Mupad, REDUCE, Macsyma...) let us manipulate extremely complex algebraic formulae symbolically on a computer. Contrary to numerics these computations are exact and there is no loss of accuracy. After decades of research and development, these tools are now becoming as indispensable in Science and Engineering as traditional number crunching already is. The ZiF'94 workshop is amongst the first devoted specifically to applications of computer algebra (CA) in Science and

Engineering. The book documents the state of the art in this area and serves as an important reference for future work.

International Encyclopedia of Unified Science - Charles William Morris 1969

The Tibetan Book of the Dead - Karma-glin-pa 2000-09-28

As a contribution to the science of death and dying - not to mention the belief in life after death, or the belief in texts of the world, for its socio-cultural influence in this regard is without comparison."--BOOK JACKET.

The Science of Computing - Matti Tedre 2014-12-03

The identity of computing has been fiercely debated throughout its short history. Why is it still so hard to define computing as an academic discipline? Is computing a scientific, mathematical, or engineering discipline? By describing the mathematical, engineering, and scientific traditions of computing, *The Science of Computing: Shaping a Discipline* presents a rich picture of computing from the viewpoints of the field's champions. The book helps readers understand the debates about computing as a discipline. It explains the context of computing's central debates and portrays a broad perspective of the discipline. The book first looks at computing as a formal, theoretical discipline that is in many ways similar to mathematics, yet different in crucial ways. It traces a number of discussions about the theoretical nature of computing from the field's intellectual origins in mathematical logic to modern views of the role of theory in computing. The book then explores the debates about computing as an engineering discipline, from the central technical innovations to the birth of the modern technical paradigm of computing to computing's arrival as a new technical profession to software engineering gradually becoming an academic discipline. It presents arguments for and against the view of computing as engineering within the context of software production and analyzes the clash between the theoretical and practical mindsets. The

book concludes with the view of computing as a science in its own right—not just as a tool for other sciences. It covers the early identity debates of computing, various views of computing as a science, and some famous characterizations of the discipline. It also addresses the experimental computer science debate, the view of computing as a natural science, and the algorithmization of sciences.

Transactions - 1991

Language Processing with Perl and Prolog - Pierre M. Nugues 2014-08-06

The areas of natural language processing and computational linguistics have continued to grow in recent years, driven by the demand to automatically process text and spoken data. With the processing power and techniques now available, research is scaling up from lab prototypes to real-world, proven applications. This book teaches the principles of natural language processing, first covering practical linguistics issues such as encoding and annotation schemes, defining words, tokens and parts of speech and morphology, as well as key concepts in machine learning, such as entropy, regression and classification, which are used throughout the book. It then details the language-processing functions involved, including part-of-speech tagging using rules and stochastic techniques, using Prolog to write phase-structure grammars, syntactic formalisms and parsing techniques, semantics, predicate logic and lexical semantics and analysis of discourse and applications in dialogue systems. A key feature of the book is the author's hands-on approach throughout, with sample code in Prolog and Perl, extensive exercises, and a detailed introduction to Prolog. The reader is supported with a companion website that contains teaching slides, programs and additional material. The second edition is a complete revision of the techniques exposed in the book to reflect advances in the field the author redesigned or updated all the chapters, added two new ones and considerably expanded the sections on

machine-learning techniques.

Web Services - Liang-Jie Zhang 2004-09-10

Welcome to the proceedings of the 2004 Europe an Conference on Web Services (ECOWS 2004). ECOWS is one of the leading international conferences focusing on Web services.

ECOWS 2004 was a forum for researchers and practitioners from academia and industry to exchange information regarding advances in the state of the art and practice of Web services, identify emerging research topics, and define the future directions of Web services computing. ECOWS 2004 had a special interest in papers that contribute to the convergence of Web services, Grid computing, e-business and autonomic computing, and papers that apply techniques from one area to another. This conference was called the International Conference on Web Services Europe in 2003. ECOWS 2004 was a sister event of the International Conference on Web Services 2004 (ICWS 2004), which attracted more than 250 registered participants in San Diego, USA. Web services are characterized by network-based application components and a service-oriented architecture using standard interface description languages and uniform communication protocols.

Industrial

application domains for Web services include business-to-business integration, business process integration and management, content management, e-sourcing, composite Web services creation, design collaboration for computer engineering, multimedia communication, digital TV, and interactive Web solutions. Recently, Grid computing has also started to leverage Web services to define standard interfaces for business Grid services and generic reusable Grid resources. The program of ECOWS 2004 featured a variety of papers on topics ranging from Web services and dynamic business process composition to Web services and process management, Web services discovery, Web services security, Web services-based applications for e-commerce, Web services-based Grid computing, and Web services solutions.

The Literature Review - Diana Ridley

2012-07-31

This Second Edition of Diana Ridley's bestselling guide to the literature review outlines practical strategies for reading and note taking, and guides the reader on how to conduct a systematic search of the available literature, and uses cases and examples throughout to demonstrate best practice in writing and presenting the review. New to this edition are examples drawn from a wide range of disciplines, a new chapter on conducting a systematic review, increased coverage of issues of evaluating quality and conducting reviews using online sources and online literature and enhanced guidance in dealing with copyright and permissions issues.

Nine Algorithms That Changed the Future -

John MacCormick 2020-09-15

Nine revolutionary algorithms that power our computers and smartphones Every day, we use our computers to perform remarkable feats. A simple web search picks out a handful of relevant needles from the world's biggest haystack. Uploading a photo to Facebook transmits millions of pieces of information over numerous error-prone network links, yet somehow a perfect copy of the photo arrives intact. Without even knowing it, we use public-key cryptography to transmit secret information like credit card numbers, and we use digital signatures to verify the identity of the websites we visit. How do our computers perform these tasks with such ease? John MacCormick answers this question in language anyone can understand, using vivid examples to explain the fundamental tricks behind nine computer algorithms that power our PCs, tablets, and smartphones.

A Step-by-Step Approach for Problem Solving in Programming Using C++ Part 1 (UTeM Press) - Yahya Ibrahim

This module is written especially for diploma students who will be learning programming during their first year of study in FTMK, UTeM. It contains 14 chapters to equip them with sequential, conditional and looping knowledge for problem solving in programming. Each

chapter is developed by using the step-by-step worked examples approach. At the end of each chapter students are given sets of questions to test their problem solving to generate a program. On top of that, students are also supplied by questions related to program understanding so that they can enhance their understanding. The writers hope that students will benefit greatly by practising on all the given questions in this module.

Proceedings of the IEEE 1984 National Aerospace and Electronics Conference, NAECON 1984 - 1984

Advances in Visual Computing - George Bebis 2009-11-09

The two volume set LNCS 5875 and LNCS 5876 constitutes the refereed proceedings of the 5th International Symposium on Visual Computing, ISVC 2009, held in Las Vegas, NV, USA, in November/December 2009. The 97 revised full papers and 63 poster papers presented together with 40 full and 15 poster papers of 7 special tracks were carefully reviewed and selected from more than 320 submissions. The papers are organized in topical sections on computer graphics; visualization; feature extraction and matching; medical imaging; motion; virtual reality; face processing; reconstruction; detection and tracking; applications; and video analysis and event recognition. The 7 additional special tracks address issues such as object recognition; visual computing for robotics; computational bioimaging; 3D mapping, modeling and surface reconstruction; deformable models: theory and applications; visualization enhanced data analysis for health applications; and optimization for vision, graphics and medical imaging: theory and applications.

The Love Hypothesis - Ali Hazelwood 2021-09-14

The Instant New York Times Bestseller and TikTok Sensation! As seen on THE VIEW! A BuzzFeed Best Summer Read of 2021 When a fake relationship between scientists meets the irresistible force of attraction, it throws one woman's carefully calculated

theories on love into chaos. As a third-year Ph.D. candidate, Olive Smith doesn't believe in lasting romantic relationships--but her best friend does, and that's what got her into this situation. Convincing Anh that Olive is dating and well on her way to a happily ever after was always going to take more than hand-wavy Jedi mind tricks: Scientists require proof. So, like any self-respecting biologist, Olive panics and kisses the first man she sees. That man is none other than Adam Carlsen, a young hotshot professor--and well-known ass. Which is why Olive is positively floored when Stanford's reigning lab tyrant agrees to keep her charade a secret and be her fake boyfriend. But when a big science conference goes haywire, putting Olive's career on the Bunsen burner, Adam surprises her again with his unyielding support and even more unyielding...six-pack abs. Suddenly their little experiment feels dangerously close to combustion. And Olive discovers that the only thing more complicated than a hypothesis on love is putting her own heart under the microscope.

Artificial Unintelligence - Meredith Broussard 2018-04-27

A guide to understanding the inner workings and outer limits of technology and why we should never assume that computers always get it right. In *Artificial Unintelligence*, Meredith Broussard argues that our collective enthusiasm for applying computer technology to every aspect of life has resulted in a tremendous amount of poorly designed systems. We are so eager to do everything digitally—hiring, driving, paying bills, even choosing romantic partners—that we have stopped demanding that our technology actually work.

Broussard, a software developer and journalist, reminds us that there are fundamental limits to what we can (and should) do with technology. With this book, she offers a guide to understanding the inner workings and outer limits of technology—and issues a warning that we should never assume that computers always get things right. Making a case against

technochauvinism—the belief that technology is always the solution—Broussard argues that it's just not true that social problems would inevitably retreat before a digitally enabled Utopia. To prove her point, she undertakes a series of adventures in computer programming. She goes for an alarming ride in a driverless car, concluding “the cyborg future is not coming any time soon”; uses artificial intelligence to investigate why students

can't pass standardized tests; deploys machine learning to predict which passengers survived the Titanic disaster; and attempts to repair the U.S. campaign finance system by building AI software. If we understand the limits of what we can do with technology, Broussard tells us, we can make better choices about what we should do with it to make the world better for everyone.

The Writer's Market - 1985