[Books] Meet Jill Watson Georgia Techs First Ai Teaching Assistant

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Anticipating and Preparing for Emerging Skills and Jobs-Brajesh Panth 2020-11-02 This open access book analyzes the main drivers that are influencing the dramatic evolution of work in Asia and the Pacific and identifies the implications for education and training in the region. It also assesses how education and training philosophies, curricula, and pedagogy can be reshaped to produce workers with the skills required to meet the emerging demands of the Fourth Industrial Revolution. The book’s 40 articles cover a wide range of topics and reflect the diverse perspectives of the eminent policy makers, practitioners, and researchers who authored them. To maximize its potential impact, this Springer-Asian Development Bank co-publication has been made available as open access.

Artificial Intelligence for Learning-Donald Clark 2020-08-13 Artificial intelligence is creating huge opportunities for workplace learning and employee development. However, it can be difficult for L&D professionals to assess what difference AI can make in their organization and where it is best implemented. Artificial Intelligence for Learning is the practical guide L&D practitioners need to understand what AI is and how to use it to improve all aspects of learning in the workplace. It includes specific guidance on how AI can provide content curation and personalization to improve learner engagement, how it can be implemented to improve the efficiency of evaluation, assessment and reporting and how chatbots can provide learner support to a global workforce. Artificial Intelligence for Learning debunks the myths and cuts through the hype around AI allowing L&D practitioners to feel confident in their ability to critically assess where artificial intelligence can make a measurable difference and where it is worth investing in. There is also critical discussion of how AI is an aid to learning and development, not a replacement as well as how it can be used to boost the effectiveness of workplace learning, reduce drop off rates in online learning and improve ROI. With real-world examples from companies who have effectively implemented AI and seen the benefits as well as case studies from organizations including Netflix, British Airways and the NHS, this book is essential reading for all L&D practitioners needing to understand AI and what it means in practice.

Research Handbook on the Law of Artificial Intelligence-Woodrow Barfield 2018-12-28 The field of artificial intelligence (AI) has made tremendous advances in the last two decades, but as smart as AI is now, it is getting smarter and becoming more autonomous. This raises a host of challenges to current legal doctrine, including whether AI/algorithms should count as ‘speech’, whether AI should be regulated under antitrust and criminal law statutes, and whether AI should be considered as an agent under agency law or be held responsible for injuries under tort law. This book contains chapters from US and international law scholars on the role of law in an age of increasingly smart AI, addressing these and other issues that are critical to the evolution of the field.
The Cambridge Handbook of the Changing Nature of Work - Brian J. Hoffman 2020-04-23 This handbook provides an overview of the research on the changing nature of work and workers by marshalling interdisciplinary research to summarize the empirical evidence and provide documentation of what has actually changed. Connections are explored between the changing nature of work and macro-level trends in technological change, income inequality, global labor markets, labor unions, organizational forms, and skill polarization, among others. This edited volume also reviews evidence for changes in workers, including generational change (or lack thereof), that has accumulated across domains. Based on documented changes in work and worker behavior, the handbook derives implications for a range of management functions, such as selection, performance management, leadership, workplace ethics, and employee well-being. This evaluation of the extent of changes and their impact gives guidance on what best practices should be put in place to harness these developments to achieve success.

The Fourth Education Revolution - Anthony Seldon 2018 There is no more important issue facing education, or humanity at large, than the fast approaching revolution in Artificial Intelligence or AI. This book is a call to educators everywhere to open their eyes to what is coming. If we do so, then the future will be shaped by us in the interests of humanity as a whole - but if we don’t, it will be imposed by others. Britain and the US have an excellent education system in their schools and universities - excellent, but tailored to the twentieth century. The factory mass teaching methods of the third revolution era have failed to conquer enduring problems of inequity and unfairness. Students have to make progress at a set rate which demotivates some and bores others. And for all the new technologies, teachers remain weighed down by routine administration and only a narrow range of our aptitudes are encouraged. Will the fourth AI revolution be able to remedy these problems? We have allowed ourselves to believe that teaching can uniquely be done only by the teacher, but might it in fact be better carried out by AI machines? Or at least in concert with teachers? The evolution of AI, still in its infancy, raises a range of issues of enormous importance as we grapple with how we as humans will interact with it. AI will be an altogether new way of spreading quality education across the world, especially to those hundreds of millions who do not have it. And coming it is - the final part of the book stresses that we have to embrace AI and ensure that we shape it to the best advantage of humanity. If we get it wrong, there may be no second opportunity. The conclusion... Nothing matters more than education if we are to see AI liberate not infantilise humanity.

Thrive Online - Shannon Riggs 2020-01-15 Research shows that online education, when designed and facilitated well, is as effective as traditional campus-based instruction. Despite the evidence, many faculty perceive online education as inferior to traditional instruction—and are often quite vocal in their skepticism. Simultaneously, however, more and more students are seeking online courses and degree programs. Thrive Online: A New Approach to Building Expertise and Confidence as an Online Educator is an invitation for the rising tide of online educators who are relatively new to teaching online, and also for those more experienced instructors who are increasingly frustrated by the dominant bias against online education. Readers will find: • An approach that empowers online educators to thrive professionally using a set of specific agentic behaviors • Strategies for approaching conversations about online learning in new ways that inform the skeptics and critics • Strategies that celebrate the additional skills and proficiencies developed by successful online educators • Guidance for educators who want to feel natural and fluent in the online learning environment • Guidance for enhancing the user-centered nature of online spaces to create student-centered learning environments • Encouragement for online educators to pursue leadership opportunities The internet is changing how people communicate and learn. Thrive Online: A New Approach to Building Expertise and Confidence as an Online Educator offers guidance, inspiration and strategies required to adapt and lead higher education through this change. This book is for higher education instructors who are seeking community, a sense of belonging, and the professional respect they deserve. Thriving is not a reaction to our environment, but rather a state of being we can create intentionally for ourselves. The time has come to change the conversation about online education. Add your voice – join the community and #ThriveOnline.
Artificial Intelligence for HR - Ben Eubanks 2018-12-03 HR professionals need to get to grips with artificial intelligence and the way it's changing the world of work. From using natural language processing to ensure job adverts are free from bias and gendered language to implementing chatbots to enhance the employee experience, AI has created a variety of opportunities for the HR function. Artificial Intelligence for HR empowers HR professionals to leverage this potential and use AI to improve efficiency and develop a talented and productive workforce. Outlining the current technology landscape as well as the latest AI developments, this book ensures that HR professionals fully understand what AI is and what it means for HR in practice. Covering everything from recruitment and retention to employee engagement and learning and development, Artificial Intelligence for HR outlines the value AI can add to HR. It also features discussions on the challenges that can arise from AI and how to deal with them, including data privacy, algorithmic bias and how to develop the skills of a workforce with the rise of automation, robotics and machine learning in order to make it more human, not less. Packed with practical advice, research and case studies from global organizations including Uber, IBM and Unilever, this book will equip HR professionals with the knowledge they need to leverage AI to recruit and develop a successful workforce and help their businesses thrive in the future.

Should Robots Replace Teachers? - Neil Selwyn 2019-10-11 Developments in AI, robotics and big data are changing the nature of education. Yet the implications of these technologies for the teaching profession are uncertain. While most educators remain convinced of the need for human teachers, outside the profession there is growing anticipation of a technological reinvention of the ways in which teaching and learning take place. Through an examination of technological developments such as autonomous classroom robots, intelligent tutoring systems, learning analytics and automated decision-making, Neil Selwyn highlights the need for nuanced discussions around the capacity of AI to replicate the social, emotional and cognitive qualities of human teachers. He pushes conversations about AI and education into the realm of values, judgements and politics, ultimately arguing that the integration of any technology into society must be presented as a choice. Should Robots Replace Teachers? is a must-read for anyone interested in the future of education and work in our increasingly automated times.

AI and education - Holmes, Wayne 2021-04-08 Artificial Intelligence (AI) has the potential to address some of the biggest challenges in education today, innovate teaching and learning practices, and ultimately accelerate the progress towards SDG 4. However, these rapid technological developments inevitably bring multiple risks and challenges, which have so far outpaced policy debates and regulatory frameworks. This publication offers guidance for policy-makers on how best to leverage the opportunities and address the risks, presented by the growing connection between AI and education. It starts with the essentials of AI: definitions, techniques and technologies. It continues with a detailed analysis of the emerging trends and implications of AI for teaching and learning, including how we can ensure the ethical, inclusive and equitable use of AI in education, how education can prepare humans to live and work with AI, and how AI can be applied to enhance education. It finally introduces the challenges of harnessing AI to achieve SDG 4 and offers concrete actionable recommendations for policy-makers to plan policies and programmes for local contexts. [Publisher summary, ed]

The Virtual Public Servant - Stephen Jeffares 2020-11-30 With recent advances and investment in artificial intelligence, are we on the verge of introducing virtual public servants? Governments around the world are rapidly deploying robots and virtual agents in healthcare, education, local government, social care, and criminal justice. These advances not only
promise unprecedented levels of control and convenience at a reduced cost but also claim to connect, to empathise, and to build trust. This book documents how—after decades of designing out costly face to face transactions, investment in call centres, and incentivising citizens to self-service—the tech industry is promising to re-humanise our frontline public services. It breaks out of disciplinary siloes and moves us on from the polarised hype vs. fear discussion on the future of work. It does so through in-depth Q-methodology interviews with a wide range of frontline public servants, from doctors to librarians, from social workers to school receptionists, and from police officers to call handlers. The first of its kind, this book should be of interest across the social sciences and to anyone concerned with how recent measures to digitise and automate our services are paving the way for the development of full-blown AI in frontline work.

Designing Video and Multimedia for Open and Flexible Learning-Jack Koumi 2006-08-21 This is a comprehensive, practical guide to the most effective use of video and multimedia in open and distance learning. Illustrated throughout, it considers pedagogic design principles for the highest quality learning material, covering: what to teach on video and how to teach it when to choose and how to use other media for teaching a framework of pedagogic design principles for video and multimedia practical development advice for interactive multimedia. With insights into the comprehensive process of designing, developing and managing distance learning materials, this book will appeal to those involved in course development, educational video, audiovision and interactive multimedia design, as well as to students of general video and multimedia production.

Biologically Inspired Design-Ashok K Goel 2013-07-16 From simple cases such as hook and latch attachments found in Velcro to articulated-wing flying vehicles, biology often has been used to inspire many creative design ideas. The scientific challenge now is to transform the paradigm into a repeatable and scalable methodology. Biologically Inspired Design explores computational techniques and tools that can help integrate the method into design practice. With an inspiring foreword from Janine Benyus, Biologically Inspired Design contains a dozen chapters written by some of the leading scholars in the transdisciplinary field of bioinspired design, such as Frank Fish, Julian Vincent and Jeannette Yen from biology, and Amaresk Chakrabarti, Satyandra Gupta and Li Shu from engineering. Based in part on discussions at two workshops sponsored by the United States National Science Foundation, this volume introduces and develops several methods and tools for bioinspired design including: Information-processing theories, Natural language techniques, Knowledge-based tools, and Functional approaches and Pedagogical techniques. By exploring these fundamental theories, techniques and tools for supporting biologically inspired design, this volume provides a comprehensive resource for design practitioners wishing to explore the paradigm, an invaluable guide to design educators interested in teaching the method, and a preliminary reading for design researchers wanting to investigate bioinspired design.

Learning Engineering for Online Education-Chris Dede 2018-10-12 Learning Engineering for Online Education is a comprehensive overview of the emerging field of learning engineering, a form of educational optimization driven by analytics, design-based research, and fast-paced, large-scale experimentation. Chapters written by instructional design and distance learning innovators explore the theoretical context of learning engineering and provide design-based examples from top educational institutions. Concluding with an agenda for future research, this volume is essential for those interested in using data and high-quality outcome evidence to improve student engagement, instructional efficacy, and results in online and blended settings.

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enabled education. Its pedagogical aim is to merge the scale, asynchrony, and flexibility of online learning with the benefits of the traditional classroom—content-rich instruction and the development of learning relationships. This book offers a guide to both theory and practice of blended learning, offering rigorous research, case studies, and methods for the assessment of educational effectiveness. The contributors to this volume adopt a range of approaches to blended learning and different models of implementation and offer guidelines for both researchers and instructors, considering such issues as research design and data collection. In these courses, instructors addressed problems they had noted in traditional classrooms, attempting to enhance student engagement, include more active learning strategies, approximate real-world problem solving, and reach non-majors. The volume offers a cross-section of approaches from one institution, Georgia Tech, to provide both depth and breadth. It examines the methodologies of implementation in a variety of courses, ranging from a first-year composition class that incorporated the video game Assassin’s Creed II to a research methods class for psychology and computer science students. Blended Learning will be an essential resource for educators, researchers, administrators, and policy makers. 

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**Advances in Cognitive Systems** Samia Nefti 2010-06-10 Advances in Cognitive Systems brings together a wide range of material from leading workers in the field as well as the outputs from research groups around the world, covering the two principal cognition paradigms of cognitivism and emergence.

**International Handbook of Metacognition and Learning Technologies** Roger Azevedo 2013-04-23 Education in today's technologically advanced environments makes complex cognitive demands on students pre-learning, during, and post-learning. Not surprisingly, these analytical learning processes—metacognitive processes—have become an important focus of study as new learning technologies are assessed for effectiveness in this area. Rich in theoretical models and empirical data, the International Handbook of Metacognition and Learning Technologies synthesizes current research on this critical topic. This interdisciplinary reference delves deeply into component processes of self-regulated learning (SRL), examining theories and models of metacognition, empirical issues in the study of SRL, and the expanding role of educational technologies in helping students learn. Innovations in multimedia, hypermedia, microworlds, and other platforms are detailed across the domains, so that readers in diverse fields can evaluate the theories, data collection methods, and conclusions. And for the frontline instructor, contributors offer proven strategies for using technologies to benefit students at all levels. For each technology covered, the Handbook: Explains how the technology fosters students’ metacognitive or self-regulated learning. Identifies features designed to study or support metacognitive/SRL behaviors. Reviews how its specific theory or model addresses learners’ metacognitive/SRL processes. Provides detailed findings on its effectiveness toward learning. Discusses its implications for the design of metacognitive tools. Examines any theoretical, instructional, or other challenges. These leading-edge perspectives make the International Handbook of Metacognition and Learning Technologies a resource of great interest to professionals and researchers in science and math education, classroom teachers, human resource researchers, and industrial and other instructors.

**Programming Computer Vision with Python** Jan Erik Solem 2012-06-19 If you want a basic understanding of computer vision’s underlying theory and algorithms, this hands-on introduction is the ideal place to start. You’ll learn techniques for object recognition, 3D reconstruction, stereo imaging, augmented reality, and other computer vision applications as you follow clear examples written in Python. Programming Computer Vision with Python explains computer vision in broad terms that won’t bog you down in theory. You get complete code samples with explanations on how to reproduce and build upon each example, along with exercises to help you apply what you’ve learned. This book is ideal for students, researchers, and enthusiasts with basic programming and standard mathematical skills.
Learn techniques used in robot navigation, medical image analysis, and other computer vision applications. Work with image mappings and transforms, such as texture warping and panorama creation. Compute 3D reconstructions from several images of the same scene. Organize images based on similarity or content, using clustering methods. Build efficient image retrieval techniques to search for images based on visual content. Use algorithms to classify image content and recognize objects. Access the popular OpenCV library through a Python interface.

**The Ku Klux Klan** - Sara Bullard 1998-06 A graphic portrayal of the background of the Ku Klux Klan, its battle with the law, and the current reasons why hate groups cannot be ignored. Presents the history of the Klan, identifies the victims of its violence, and the responses of those in opposition to Klan activity. Discusses the white supremacist movement, identifying its organizations and leaders of today. Includes an introduction by Julian Bond and conclusion by Morris Dees. Bibliography. Graphic photos.

**Research-based Web Design & Usability Guidelines** - 2006 Although recent findings show the public increasingly interacting with government Web sites, a common problem is that people can't find what they're looking for. In other words, the sites lack usability. The Research-Based Web Design and Usability Guidelines aid in correcting this problem by providing the latest Web design guidance from the research and other forms of evidence. This unique publication has been updated from its earlier version to include over 40 new or updated research guidelines, bringing the total to 209. Primary audiences for the book are: Web managers, designers, and all staff involved in the creation of Web sites. Topics in the book include: home page design, page and site navigation, graphics and images, effective Web content writing, and search. A new section on usability testing guidance has been added. Experts from across government, industry, and academia have reviewed and contributed to the development of the Guidelines. And, since their introduction in 2003, the Guidelines have been widely used by government, private, and academic institutions to improve Web design.

**Ethics in Higher Education** - Maureen E. Squires 2020 Higher education serves many purposes, one of which is to prepare college and university students with the knowledge, skills and dispositions necessary for employment. Some would argue that this is the primary and even sole purpose of collegiate education. However, many also contend that university education is intended to broaden students' minds and enable them to question, investigate and think critically in order to be productive and engaged citizens. Regardless of the lens through which higher education is viewed, within any of these purposes is the need for ethical practices in teaching, learning, student engagement, and overall operational structures. Truly, in every facet of university life, ethical practices exist. If institutions of higher education are the places where, in part, the global future is shaped, then it is imperative that these same organizations be the exemplars of ethical practices. The Practice of Ethics in Higher Education includes chapters that explore and examine topics such as teaching of ethics, ethical practices on campus, ethics of clinical practices, ethics and leadership in the academy, ethics in hiring practices at colleges/universities, ethics and campus-sponsored research, as well as other topics relevant to higher education. In addition to drawing attention to the successes and challenges regarding ethical practices in higher education, this book aims to encourage future research initiatives and collaborations.

**From Tool to Partner** - Jonathan Grudin 2017-01-02 This is the first comprehensive history of human-computer interaction (HCI). Whether you are a user experience professional or an academic researcher, whether you identify with computer science, human factors, information systems, information science, design, or communication, you can discover how your experiences fit into the expanding field of HCI. You can determine where to look for relevant information in other fields—and where you won’t find it. This book describes the different fields that have participated in improving our digital tools. It is organized chronologically, describing major developments across fields in each period. Computer use has changed radically, but many underlying forces are constant. Technology has changed rapidly, human nature very little. An irresistible force meets an immovable object. The exponential rate of technological change gives us little time to react before technology moves on. Patterns and trajectories described in this book provide your best chance to anticipate what could come next. We
have reached a turning point. Tools that we built for ourselves to use are increasingly influencing how we use them, in ways that are planned and sometimes unplanned. The book ends with issues worthy of consideration as we explore the new world that we and our digital partners are shaping.

**Network World**- 2003-09-29 For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

**Computerworld**- 2003-09-29 For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld’s award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world’s largest global IT media network.

**Chicago Tribune Index**- 1988

**Artificial Intelligence in Education**-Carolyn Penstein Rosé 2018-06-20 This two volume set LNAI 10947 and LNAI 10948 constitutes the proceedings of the 19th International Conference on Artificial Intelligence in Education, AIED 2018, held in London, UK, in June 2018. The 45 full papers presented in this book together with 76 poster papers, 11 young researchers tracks, 14 industry papers and 10 workshop papers were carefully reviewed and selected from 192 submissions. The conference provides opportunities for the cross-fertilization of approaches, techniques and ideas from the many fields that comprise AIED, including computer science, cognitive and learning sciences, education, game design, psychology, sociology, linguistics as well as many domain-specific areas.

**Mind Design II**-John Haugeland 1997 Mind Design deals with the "how" of mind (thinking and intellect) rather than the essence of what mind is. It can be likened to the reverse engineering of psychology. This revised and enlarged edition contains additional new essays.

**Who Gets In and Why**-Jeffrey Selingo 2020-09-15 A NEW YORK TIMES NOTABLE BOOK OF 2020 From award-winning higher education journalist and New York Times bestselling author Jeffrey Selingo comes a revealing look from inside the admissions office—one that identifies surprising strategies that will aid in the college search. Getting into a top-ranked college has never seemed more impossible, with acceptance rates at some elite universities dipping into the single digits. In Who Gets In and Why, journalist and higher education expert Jeffrey Selingo dispels entrenched notions of how to compete and win at the admissions game, and reveals that teenagers and parents have much to gain by broadening their notion of what qualifies as a “good college.” Hint: it’s not all about the sticker on the car window. Selingo, who was embedded in three different admissions offices—a selective private university, a leading liberal arts college, and a flagship public campus—closely observed gatekeepers as they made their often agonizing and sometimes life-changing decisions. He also followed select students and their parents, and he traveled around the country meeting with high school counselors, marketers, behind-the-scenes consultants, and college rankers. While many have long believed that admissions is merit-based, rewarding the best students, Who Gets In and Why presents a more complicated truth, showing that “who gets in” is frequently more about the college’s agenda than the applicant. In a world where thousands of equally qualified students vie for a fixed number of spots at elite institutions, admissions officers often make split-second decisions based on a variety of factors—like diversity, money, and, ultimately, whether a student will enroll if accepted. One of the most insightful books ever about “getting in” and what higher education has become, Who Gets In and Why not only provides an usually intimate look at how admissions decisions get made, but guides prospective students on how to honestly assess their strengths and match with the schools that will best serve their interests.
Computational Approaches to Analogical Reasoning: Current Trends-Henri Prade 2014-03-22 Analogical reasoning is known as a powerful mode for drawing plausible conclusions and solving problems. It has been the topic of a huge number of works by philosophers, anthropologists, linguists, psychologists, and computer scientists. As such, it has been early studied in artificial intelligence, with a particular renewal of interest in the last decade. The present volume provides a structured view of current research trends on computational approaches to analogical reasoning. It starts with an overview of the field, with an extensive bibliography. The 14 collected contributions cover a large scope of issues. First, the use of analogical proportions and analogies is explained and discussed in various natural language processing problems, as well as in automated deduction. Then, different formal frameworks for handling analogies are presented, dealing with case-based reasoning, heuristic-driven theory projection, commonsense reasoning about incomplete rule bases, logical proportions induced by similarity and dissimilarity indicators, and analogical proportions in lattice structures. Lastly, the volume reports case studies and discussions about the use of similarity judgments and the process of analogy making, at work in IQ tests, creativity or other cognitive tasks. This volume gathers fully revised and expanded versions of papers presented at an international workshop, as well as invited contributions. All chapters have benefited of a thorough peer review process.

Digital Transformation and Public Services (Open Access)-Anthony Larsson 2019-10-08 Through a series of studies, the overarching aim of this book is to investigate if and how the digitalization/digital transformation process affects various welfare services provided by the public sector, and the ensuing implications thereof. Ultimately, this book seeks to understand if it is conceivable for digital advancement to result in the creation of private/non-governmental alternatives to welfare services, possibly in a manner that transcends national boundaries. This study also investigates the possible ramifications of technological development for the public sector and the Western welfare society at large. This book takes its point of departure from the 2016 Organization for Economic Co-operation and Development (OECD) report that targets specific public service areas in which government needs to adopt new strategies not to fall behind. Specifically, this report emphasizes the focus on digitalization of health care/social care, education, and protection services, including the use of assistive technologies referred to as "digital welfare." Hence, this book explores the factors potentially leading to whether state actors could be overrun by other non-governmental actors, disrupting the current status quo of welfare services. The book seeks to provide an innovative, enriching, and controversial take on society at large and how various aspects of the public sector can be, and are, affected by the ongoing digitalization process in a way that is not covered by extant literature on the market. This book takes its point of departure in Sweden given the fact that Sweden is one of the most digitalized countries in Europe, according to the Digital Economy and Society Index (DESI), making it a pertinent research case. However, as digitalization transcends national borders, large parts of the subject matter take on an international angle. This includes cases from several other countries around Europe as well as the United States.

Human Values and the Design of Computer Technology-Batya Friedman 1997-12-13 Human values--including accountability, privacy, autonomy, and respect for person--emerge from the computer systems that we build and how we choose to use them. Yet, important questions on human values and system design have remained largely unexplored. If human values are controversial, then on what basis do some values override others in the design of, for example, hardware, algorithms, and databases? Do users interact with computer systems as social actors? If so, should designers of computer persona and agents seek to build on such human tendencies, or check them? How have design decisions in hospitals, research labs, and computer corporations protected or degraded such values? This volume brings together leading researchers and system designers who take up these questions, and more.
Deaf Republic - Ilya Kaminsky 2019-03-05 Ilya Kaminsky's astonishing parable in poems asks us, What is silence? Deaf Republic opens in an occupied country in a time of political unrest. When soldiers breaking up a protest kill a deaf boy, Petya, the gunshot becomes the last thing the citizens hear—they all have gone deaf, and their dissent becomes coordinated by sign language. The story follows the private lives of townspeople encircled by public violence: a newly married couple, Alfonso and Sonya, expecting a child; the brash Momma Galya, instigating the insurgency from her puppet theater; and Galya’s girls, heroically teaching signing by day and by night luring soldiers one by one to their deaths behind the curtain. At once a love story, an elegy, and an urgent plea, Ilya Kaminsky’s long-awaited Deaf Republic confronts our time’s vicious atrocities and our collective silence in the face of them.

Fast Food Nation - Eric Schlosser 2012 Explores the homogenization of American culture and the impact of the fast food industry on modern-day health, economy, politics, popular culture, entertainment, and food production.

Engineering Biostatistics - Brani Vidakovic 2017-11-06 Provides a one-stop resource for engineers learning biostatistics using MATLAB® and WinBUGS. Through its scope and depth of coverage, this book addresses the needs of the vibrant and rapidly growing bio-oriented engineering fields while implementing software packages that are familiar to engineers. The book is heavily oriented to computation and hands-on approaches so readers understand each step of the programming. Another dimension of this book is in parallel coverage of both Bayesian and frequentist approaches to statistical inference. It avoids taking sides on the classical vs. Bayesian paradigms, and many examples in this book are solved using both methods. The results are then compared and commented upon. Readers have the choice of MATLAB® for classical data analysis and WinBUGS/OpenBUGS for Bayesian data analysis. Every chapter starts with a box highlighting what is covered in that chapter and ends with exercises, a list of software scripts, datasets, and references. Engineering Biostatistics: An Introduction using MATLAB® and WinBUGS also includes parallel coverage of classical and Bayesian approaches, where appropriate substantial coverage of Bayesian approaches to statistical inference material that has been classroom-tested in an introductory statistics course in bioengineering over several years exercises at the end of each chapter and an accompanying website with full solutions and hints to some exercises, as well as additional materials and examples. Engineering Biostatistics: An Introduction using MATLAB® and WinBUGS can serve as a textbook for introductory-to-intermediate applied statistics courses, as well as a useful reference for engineers interested in biostatistical approaches.

Revoked - Allison Frankel 2020 “[The report] finds that supervision -- probation and parole -- drives high numbers of people, disproportionately those who are Black and brown, right back to jail or prison, while in large part failing to help them get needed services and resources. In states examined in the report, people are often incarcerated for violating the rules of their supervision or for low-level crimes, and receive disproportionate punishment following proceedings that fail to adequately protect their fair trial rights.” -- Publisher website.