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Not Just Science
The Timeless Way of Building
Dive Into Systems
How to Think
User Modeling 2003
Discrete Mathematics and Functional Programming
Directory of Awards
Annual Report for Fiscal Year ...
The American Presidency For Beginners
Philosophical Theology
Math and Bio 2010
Knowledge Discovery from Sensor Data
From Disagreement to Discourse

PRESTON MERCER

Career Opportunities in Library and Information Science InterVarsity Press
Artificial intelligence (AI) is a field within computer science that is attempting to build enhanced intelligence into computer systems. This book traces the history of the subject, from the early dreams of eighteenth-century (and earlier) pioneers to the more successful work of today's AI engineers. AI is becoming more and more a part of everyone's life. The technology is already embedded in face-recognizing cameras, speech-recognition software, Internet search engines, and health-care robots, among other applications. The book's many diagrams and easy-to-understand descriptions of AI programs will help the casual reader gain an understanding of how these and other AI systems actually work. Its thorough (but unobtrusive) end-of-chapter notes containing citations to important source materials will be of great use to AI scholars and researchers. This book promises to be the definitive history of a field that has captivated the imaginations of scientists, philosophers, and writers for centuries.
How to Build an RSS 2.0 Feed Duke University Press
Recently, the ICT field has seen a shift from machine-centered focuses to human and user knowledge-based approaches. However, as priorities shift, questions arise on how to detect and monitor users behavior. Human Behavior Recognition Technologies: Intelligent Applications for Monitoring and Security takes an insightful look into the applications and dependability of behavior detection. In addition, this comprehensive publication looks into the social, ethical, and legal

implications of these areas. Researchers and practitioners interested in the computational aspects of behavior monitoring as well as the ethical and legal implications will find this reference source beneficial.

Saving the Church of England CRC Press

This book argues that it is possible for our study of the natural world to enhance our understanding of God and for our faith to inform and influence our study and application of science. Whether you are a student, someone employed in the sciences, or simply an interested layperson, Not Just Science will help you develop the crucial skills of critical thinking and reflection about key questions in Christian faith and natural science.The contributors provide a systematic approach to both raising and answering the key questions that emerge at the intersection of faith and various disciplines in the natural sciences. Among the questions addressed are the context, limits, benefits, and practice of science in light of Christian values. Questions of ethics as they relate to various applied sciences are also discussed. The end goal is an informed biblical worldview on both nature and our role in obeying God’s mandate to care for his creation.With an honest approach to critical questions, Not Just Science fills a gap in the discussion about the relationship between faith and reason. This is a most welcomed addition to these significant scholarly conversations. Ron Mahurin, PhD Vice President, Professional Development and Research Council for Christian Colleges & Universities

A Little Book for New Scientists Harper Collins

This book provides a distinct way to teach discrete mathematics. Since discrete mathematics is crucial for rigorous study in computer science, many texts include applications of mathematical topics to computer science or have selected topics of particular interest to computer science. This text fully integrates discrete mathematics with .....

Human Behavior Recognition Technologies: Intelligent Applications for Monitoring and Security Wipf and Stock Publishers

Publisher description

Inalienable MAA

Getting onto the wrong school bus was the pig's first mistake.Her second was choosing to take the path through the forest.The next thing she knows, a wolf has grabbed her and thrown her into a sack, all the while singing a song about soup.Lucky for the pig, she's smart and can read.She stalls for all the time she can, but pretty soon she realizes she'll have to use the dreaded Hog-Eye stare: Hog-eye! Hog-eye! Magic stare! Make him itchy everywhere.On his nose and in his hair.Even in his underwear!

Perl for Exploring DNA Medieval Institute Publications

A collection of materials gathered by the author while teaching real analysis over a period of years.

Wisdom-Based Business Univ of California Press

Dive Into SystemsNo Starch Press

Making Dictionaries New York : Oxford University Press

Outreach Resource of the Year The American church is at a critical crossroads. Our witness has been compromised, our numbers are down, and our reputation has been sullied, due largely to our own faults and fears. The church's ethnocentrism, consumerism, and syncretism have

blurred the lines between discipleship and partisanship. Pastor Eric Costanzo, missiologist Daniel Yang, and nonprofit leader Matthew Soerens find that for the church to return to health, we must decenter ourselves from our American idols and recenter on the undeniable, inalienable core reality of the global, transcultural kingdom of God. Our guides in this process are global Christians and the poor, who offer hope from the margins, and the ancient church, which survived through the ages amid temptations of power and corruption. Their witness points us to refocus on the kingdom of God, the image of God, the Word of God, and the mission of God. The path to the future takes us away from ourselves in unlikely directions. By learning from the global church and marginalized voices, we can return to our roots of being kingdom-focused, loving our neighbor, and giving of ourselves in missional service to the world.

Electronic Mail in ARL Libraries No Starch Press

The refereed proceedings of the 9th International Conference on User Modeling, UM 2003, held in Johnstown, PA, USA in June 2003. The 20 revised full papers and 28 revised poster papers presented together with 12 abstracts were carefully reviewed and selected from 106 submissions. The papers are organized in topical sections on adaptive hypermedia, adaptive Web, natural language and dialogue, plan recognition, evaluation, emerging issues of user modeling, group modeling and cooperation, applications, student modeling, learning environments - natural language and paedagogy, and mobile and ubiquitous computing.

Red Wheel/Weiser

As sensors become ubiquitous, a set of broad requirements is beginning to emerge across high-priority applications including disaster preparedness and management, adaptability to climate change, national or homeland security, and the management of critical infrastructures. This book presents innovative solutions in offline data mining and real-time analysis of sensor or geographically distributed data. It discusses the challenges and requirements for sensor data based knowledge discovery solutions in high-priority application illustrated with case studies. It explores the fusion between heterogeneous data streams from multiple sensor types and applications in science, engineering, and security.

Resources for the Study of Real Analysis

College Prowler, Inc

At the center of this interdisciplinary study are court monsters--dwarves, hirsutes, and misshapen individuals--who, by their very presence, altered Renaissance ethics vis-a-vis anatomical difference, social virtues, and scientific knowledge. The study traces how these monsters evolved from objects of curiosity, to scientific cases, to legally independent beings. The works examined here point to the intricate cultural, religious, ethical, and scientific perceptions of monstrous individuals who were fixtures in contemporary courts.

The Papers of the ACM SIGCSE Third Technical Symposium on Computer Science Education Hachette UK

Computing Handbook, Third Edition: Computer Science and Software Engineering mirrors the modern taxonomy of computer science and software engineering as described by the Association for Computing Machinery (ACM) and the IEEE Computer Society

(IEEE-CS). Written by established leading experts and influential young researchers, the first volume of this popular handbook examines the elements involved in designing and implementing software, new areas in which computers are being used, and ways to solve computing problems. The book also explores our current understanding of software engineering and its effect on the practice of software development and the education of software professionals. Like the second volume, this first volume describes what occurs in research laboratories, educational institutions, and public and private organizations to advance the effective development and use of computers and computing in today’s world. Research-level survey articles provide deep insights into the computing discipline, enabling readers to understand the principles and practices that drive computing education, research, and development in the twenty-first century.

Mobile Agents in Networking and Distributed Computing CRC Press

Meet Emily - she can solve advanced mathematical problems, unlock the mind's deepest secrets and even fix your truck's air con, but unfortunately, she can't restart the Sun. Emily Eternal feels like hope in the face of the end of the world'CultureFly Emily is an artificial consciousness, designed in a lab to help humans process trauma, which is particularly helpful when the sun begins to die 5 billion years before scientists agreed it was supposed to. So, her beloved human race is screwed, and so is Emily. That is, until she finds a potential answer buried deep in the human genome. But before her solution can be tested, her lab is brutally attacked, and Emily is forced to go on the run with two human companions - college student Jason and small-town Sheriff, Mayra. As the sun's death draws near, Emily and her friends must race against time to save humanity. But before long it becomes clear that it's not only the species at stake, but also that which makes us most human. PRAISE FOR EMILY ETERNAL 'A visionary work of science fiction' Blake Crouch, author of DARK MATTER 'A top-class, high-tech thriller. Emily is a true heroine: warm, funny, brilliant and more human than a lot of humans. You'll be cheering for her to the end' Daily Mail 'Remarkably clever and engrossing . . . It's hard not to be won over by Emily's benign narrative voice and thrilled by the race-against-time plot, even as the book explores weighty questions of self and soul' Financial Times 'Sparsely drawn, but vivid and likeable . . . M.G. Wheaton writes his lead character with charming warmth' SFX 'Captivating . . . a unique portrayal of the end of the world and a taste of what comes after it. If this is all we see of Emily it will be a bittersweet disappointment' British Fantasy Society

Hog-Eye Cambridge University Press

The little orange feed icons are everywhere on the web. From search engines to shopping sites to blogs, Really Simple Syndication (RSS 2.0) has become one of the hottest web technologies going. RSS 2.0 is a powerful - yet surprisingly easy - way to distributing timely content to a web-based audience. This Short Cut will give you the hands-on knowledge you need to build an RSS 2.0 feed. Along the way you'll learn not only the mechanics of building a feed, but industry-accepted best practices for creating feeds that perform well in various situations. Are you ready? Roll up your sleeves, crack open a text

editor, and let's build some feeds.

C.S. Lewis—An Annotated Bibliography and Resource IAP

Dive into Systems is a vivid introduction to computer organization, architecture, and operating systems that is already being used as a classroom textbook at more than 25 universities. This textbook is a crash course in the major hardware and software components of a modern computer system. Designed for use in a wide range of introductory-level computer science classes, it guides readers through the vertical slice of a computer so they can develop an understanding of the machine at various layers of abstraction. Early chapters begin with the basics of the C programming language often used in systems programming. Other topics explore the architecture of modern computers, the inner workings of operating systems, and the assembly languages that translate human-readable instructions into a binary representation that the computer understands. Later chapters explain how to optimize code for various architectures, how to implement parallel computing with shared memory, and how memory management works in multi-core CPUs. Accessible and easy to follow, the book uses images and hands-on exercise to break down complicated topics, including code examples that can be modified and executed.

Portraits of Human Monsters in the Renaissance Cambridge University Press

Education has never been non-partisan. Buffeted by economic, political, and social influences, education, educators, and various stakeholders have taken sides to provide institutionalized instruction to child and adult learners. Instruction that is right or wrong, ethical or unethical, just or unjust, can be just that, depending on where one’s education and schooling takes place in the world. Education alone can be construed as a first step towards indoctrination into a community and nation’s way of life. Despite divergent views, the ultimate goal of serving students has remained paramount. At the same time, the work of educators has placed them at the forefront of numerous debates and controversies that have beset the profession. The process of informing oneself professionally and personally in the midst of such educational deliberations may not be an easy task, but may be a necessary one given the impact of one’s decisions and stances on learners. This book focuses on contemporary and critical topics of debate that educators face in American educational settings. The book’s distinctiveness rests on its Socratic approach to the content. Each chapter begins with the examination of an issue of interest and concludes with a series of related questions. Readers are asked to ponder the materials individually and with others to enable all to draw their own conclusions. This book will interest and benefit educational professionals along all points in their professional careers from new professionals and students-in-training to those with extensive experiences across educational disciplines.

The Nones Johns Hopkins University Press

This volume provides the opening work in Christopher Alexander's seminal trilogy on architecture (continued in A Pattern Language and The Oregon Experiment). Here he provides a fascinating introduction to the ideas behind the succeeding two books.

Grading the College Houghton Mifflin Harcourt

Many young Christians interested in the

sciences have felt torn between two options: remaining faithful to Christ or studying science. Heated debates over the past century have created the impression that we have to choose between one or the other. The result has been a crisis of faith for many students. Josh Reeves and Steve Donaldson present a concise introduction to the study of science that explains why scientists in every age have found science congenial to their faith and how Christians in the sciences can bridge the gap between science and Christian belief and practice. If Christians are to have a beneficial dialogue with science, it will be guided by those who understand science from the inside. Consequently, this book provides both advice and encouragement for Christians entering or engaged in scientific careers because their presence in science is a vital component of the church's witness in the world.

Computing Handbook, Third Edition

DIANE Publishing

The book focuses on mobile agents, which are computer programs that can autonomously migrate between network sites. This text introduces the concepts and principles of mobile agents, provides an overview of mobile agent technology, and focuses on applications in networking and distributed computing.