March 2009

2-6. Society for Information Technology & Teacher Education (SITE 2009; http://site.aace.org/conf/), Charleston, South Carolina. Designed for both IT professionals and educators, this conference focuses on IT use in teacher education and instruction, IT in graduate teacher education, and faculty and staff development.


April

1-4. Celebration of Diversity in Computing Conference (TAPIA 2009; www.tapiaconference.org/2009/), Portland, Oregon. This conference provides a networking environment for underrepresented groups working with computing and information technologies in sciences, business, and even the arts.

2-4. International Conference of Computing in Engineering, Science, and Information (ICC 2009; www.fullerton.edu/icc2009/), Fullerton, California. This conference aims to foster collaboration among researchers and engineers in fields such as electrical engineering, computer engineering and science, IT, computing education, bioinformatics, and entrepre-

neurship and management. Submission deadline for papers: 20 January 2009.

3-5. International Conference on Future Computer and Communication (ICFCC 2009; www.icfcc.org), Kuala Lumpur, Malaysia. Topics include the world of future computing and communication, with a focus on bioinformatics, data mining, wireless and mobile communications, Internet technologies, communication software, computer simulation, robotics, expert systems, image processing, multimedia, and optical communications. Paper submission deadline: 10 December 2008.


27-30. Pacific-Asia Conference on Knowledge Discovery and Data Mining (PAKDD 2009; http://itpe.siit.tu.ac.th/pakdd2009/), Bangkok, Thailand. This conference focuses on data mining, knowledge discovery, data warehousing, machine learning, databases, statistics, knowledge acquisition and automatic scientific discovery, data visualization, causal induction, and knowledge-based systems.

May

Security

Brainbench offers an online IT security fundamentals test (www.brainbench.com/xml/bb/common/testcenter/taketest.xml?TestId=1542) that measures your knowledge of basic information security concepts, skills, and best practices. Designed for system administrators and foundation-level security professionals, the test covers attack recognition, prevention, and response; content security; database and network infrastructure protection; and applications and perimeter security. The site also offers resources such as newsletters and discussion forums for improving and learning skills.

Tools and Resources

Information Technology Crossing (www.informationtechnologycrossing.com) focuses on IT job listings by constantly monitoring the hiring needs of more than 250,000 companies. The openings include positions such as network administrators, CTOs, information systems managers, programmers, data center analysts, Web masters, graphic designers, technical writers, HTML developers, applications engineers, and software engineers. Information Technology Crossing also offers its members access to weekly market reports, news articles and videos, professional profiles, and career advice. Members pay a monthly fee of US$29.95 to gain access to the job boards along with the extras.

Rising Technologies

The IEEE has a new technology connections portal (www.ieee.org/web/emergingtech/home/) that offers information on myriad emerging technologies, as well as development updates on some well-entrenched ones. In addition, the Technology Discourse section offers articles, essays, and video segments about particular technologies and their implications. Some of the rising technologies discussed include biometrics, electronics recycling, organic electronics, terabit networks, smart grids, and portable information devices. The site also offers information on technology-focused working groups such as those that study biotechnology and bioengineering.

Data Management

Search Data Management is a guide to data management processes for both professionals and business leaders (www.searchdatamanagement.com). It offers news, educational information, advice, white papers, Webcasts, and customized research on how to manage the data supply chain. The site also offers tips on vendors and product selection. The highlighted articles offer advice and information about enterprise content management strategies and systems and how they relate to other data management projects.

Wireless Networks

The Certified Wireless Network Professional (CWNP; www.cwnp.com) offers vendor-neutral, enterprise wireless LAN certifications with four levels, from novice to expert. Its focus is to educate IT professionals in the technology behind all enterprise wireless LAN products, enabling these professionals to manage wireless LAN infrastructures regardless of the vendor solutions in use. IT professionals in more than 120 countries have achieved CWNP certifications. Practice tests, training kits, and vouchers for various exams range in price from US$49.95–$395.
Healthcare IT

The third edition of Information Technology for the Health Professions (Prentice Hall, 2008, ISBN 978-0-1315-9933-8, 360 pages) examines the impact of IT on a variety of healthcare fields, including telemedicine, radiology, dentistry, surgery, rehabilitative therapies, and public health. Authors Lillian Burke and Barbara Weill discuss hardware and software, communications and networking, ethical issues, and privacy concerns related to medical informatics, informational resources, and electronic record keeping in health IT. The issues raised by global warming and the possibilities of new pandemics make the addition of a chapter on IT in public health particularly timely, and the updated chapter on privacy and security includes new information on the Real ID Act of 2005—a US law requiring every citizen to have an electronic identification card.

Workforce

In The Guide to IT Contracting (Blankson Enterprises, 2007, ISBN 978-1-9057-8904-7, 504 pages), readers can learn about how to form a limited company, use an umbrella company, find a job, improve the chances of contract renewal, negotiate and set rates, get training and certification, minimize taxes, invest in a tax-efficient manner, set up contracts abroad, master contractor etiquette, select a bank and an accountant, buy insurance, buy a home as a contractor, and more. Author Samuel Blankson wrote this book specifically for IT contractors. He provides a straightforward account of IT contracting, offering insight into what it is, how to get started, how to write an effective contracting CV, and how to improve your market value. It also provides a glimpse into the life of the IT contractor, allowing those outside the realm of IT contracting to understand where their contractor colleagues are coming from.

Legal Issues

In the fifth edition of Information Technology Law (Oxford University Press, 2008, ISBN 978-0-1992-9977-5, 650 pages), author Ian J. Lloyd examines computer-related crime and evaluates recent national and international legal responses. Lloyd particularly focuses on regulation of the Internet and e-commerce, but he also discusses data protection and the clash with national security—what he calls the “surveillance society.” This book is written especially for those studying and working in the areas of IT law, criminal law, intellectual property, and contract law. Focusing mostly on developments within Europe, with some comparative international aspects, this book presents a broad-ranging analysis of the frequently uneasy relationship between the law and IT.

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