Knowledge Engineer Jobs

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Computerworld Routledge

Provides comprehensive, in-depth coverage of all issues related to knowledge management, including conceptual, methodological, technical, and managerial issues. Presents the opportunities, future challenges, and emerging trends related to this subject.

Knowledge Management Elsevier

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.

Knowledge Engineering and Management Springer Nature

Business intelligence applications are of vital importance as they help organizations manage, develop, and communicate intangible assets such as information and knowledge. Organizations that have undertaken business intelligence initiatives have benefited from increases in revenue, as well as significant cost savings.Business Intelligence and Agile Methodologies for Knowledge-Based Organizations: Cross-Disciplinary Applications highlights the marriage between business intelligence and knowledge management through the use of agile methodologies. Through its fifteen chapters, this book offers perspectives on the integration between process modeling, agile methodologies, business intelligence, knowledge management, and strategic management.

Knowledge Management Springer Science & Business Media

What value does semantic data modeling offer? As an information architect or data science professional, let's say you have an abundance of the right data and the technology to extract business gold—but you still fail. The reason? Bad data semantics. In this practical and comprehensive field guide, author Panos Alexopoulos takes you on an eye-opening journey through semantic data modeling as applied in the real world. You'll learn how to master this craft to increase the usability and value of your data and applications. You'll also explore the pitfalls to avoid and dilemmas to overcome for building high-quality and valuable semantic representations of data. Understand the fundamental concepts, phenomena, and processes related to semantic data modeling Examine the quirks and challenges of semantic data modeling and learn how to effectively leverage the available frameworks and tools Avoid mistakes and bad practices that can undermine your efforts to create good data models Learn about model development dilemmas, including representation, expressiveness and content, development, and governance Organize and execute semantic data initiatives in your organization, tackling technical, strategic, and organizational challenges

Recruitment, Development, and Retention of Information Professionals: Trends in Human Resources and Knowledge Management World Scientific

The problem-solving skills learned through STEM can take you to the next level in just about any career field. Learn all about the engineers who work with NASCAR, the design behind the GPS system in the cars we drive every day, and the engineers who start with a blueprint and turn it into a design! Improving the sound, safety measures, and ways in which cars can be better for our environment with the introduction of hybrid cars, which use less fuel and decrease the amount of pollutants into the atmosphere. Buckle up and learn all about a STEM field in cars. This book will allow students to analyze data from tests to determine similarities and differences among several design solutions to identify the best characteristics of each that can be combined into a new solution to better meet the criteria for success.

Introduction to Knowledge Management CRC Press

"This comprehensive reference work provides immediate, fingertip access to state-of-the-art technology in nearly 700 self-contained articles written by over 900 international authorities. Each article in the Encyclopedia features current developments and trends in computers, software, vendors, and applications...extensive bibliographies of leading figures in the field, such as Samuel Alexander, John von Neumann, and Norbert Wiener...and in-depth analysis of future directions."

Occupational Outlook Handbook CRC Press

The Scientific Network of Integrated Systems, Design and Technology (ISDT) is an initiative that has been established to respond industrial needs for integration of "Knowledge Technology" (KT) with multi- and inter-disciplinary applications. In particular the objective of ISDT is to incorporate multilateral engineering disciplines i.e. Composite-, Automotive-, Industrial-, Control- and Micro-Electronics Engineering, and derive knowledge for design and development of innovative product and services. In this context, the discourse of KT is established to address effective use of Knowledge Management, Semantic Technology, Information Systems and Software Engineering towards evolution of adaptive and intelligent systems for industrial applications. This carefully edited book presents the results of the latest ISDT meeting with special involvement of leading researchers and industries whose contributions are presented in the book chapters. This book consists of three main chapters namely: · Chapter 1: Applied Knowledge Management in Practice · Chapter 2: Semantic Technologies for Industrial Management and Process Controlling · Chapter 3: Knowledge Driven Approaches for Product Engineering Each article presents a unique in-progress research with respect to the target goal of improving our common understanding of KT integration and promoting further researches and cooperation in future.

Knowledge Management in Practice IGI Global

This volume gathers the latest advances and innovations in the triple helix of university-industry-government relations, as presented by leading international researchers at the II International Triple Helix Summit 2018, held in Dubai, UAE on November 10-13, 2018, which brought together experts, practitioners and academics across disciplines that address the dynamics of government, industry and academia. It covers analysis, theory,

measurements and empirical enquiry in all aspects of university-industry-government interactions, as well as the international bases and dimensions of triple helix relations, their impacts, and social, economic, political, cultural, health and environmental implications. It also examines the role of government/academia/industry in building innovation-based cities and nations, and in transforming nations into knowledge-based sustainable economies. The contributions, which were selected by means of a rigorous international peer-review process, highlight numerous exciting ideas that will spur novel research directions and foster multidisciplinary collaboration among different specialists.

Semantic Modeling for Data Carson-Dellosa Publishing
Applications of Negotiating and Learning Agents to User Query Performance with Database Feedback
Practical Knowledge Engineering University of Chicago Press
The programming knowledge gained from college classes or online courses is often not enough for success as an entry-level software engineer. Companies need engineers that not only know the theory of software development but also know how to effectively write software in a team environment. Whether you're self-taught or university-taught, there will be some gaps in your knowledge, and this book is designed to fill those gaps.All topics are covered with the job application and interview process in mind. Explicit guidance is given on how to use the knowledge covered in this book in a way that makes the reader the best applicant when applying and interviewing for software engineering jobs.This title identifies common pain points in team-based software development and discusses professional practices meant to address those pain points. Topics are covered in a manner that results in clear, explicit advice for the reader to learn these best practices. The end result is that the reader becomes familiar with the needs of a team and learns how to contribute more from day one.Topics include:- Effectively growing programming skills- Unit testing- Clean code- Using and contributing to open source projects- Working remotely- Version control- Establishing a web presence- Applying for jobs and the interview process

Knowledge Management CRC Press
The book covers in an integrated fashion the complete route from corporate knowledge management, through knowledge analysis andengineering, to the design and implementation of knowledge-intensiveinformation systems. The disciplines of knowledge engineering and knowledge management are closely tied. Knowledge engineering deals with the development of information systems in which knowledge and reasoning play pivotal roles. Knowledge management, a newly developed field at the intersection of computer science and management, deals with knowledge as a key resource in modern organizations. Managing knowledge within an organization is inconceivable without the use of advanced information systems; the design and implementation of such systems pose great organization as well as technical challenges. The book covers in an integrated fashion the complete route from corporate knowledge management, through knowledge analysis and engineering, to the design and implementation of knowledge-intensive information systems. The CommonKADS methodology, developed over the last decade by an industry-university consortium led by the authors, is used throughout the book. CommonKADS makes as much use as possible of the new UML notation standard. Beyond information systems applications, all software engineering and computer systems projects in which knowledge plays an important role stand to benefit from the CommonKADS methodology.

Encyclopedia of Microcomputers MacMillan Publishing Company
This book introduces readers to a wide range of knowledge management (KM) tools, techniques and terminology for enhancing innovation, communication and dedication among individuals and workgroups. The focus is on real-world business examples using commonly available technologies. The book is set out in a clear and straightforward way, with definitions highlighted, brief case studies included that illustrate key points, dialogue sections that probe for practical applications, and written exercises. Each chapter concludes with discussion questions, review questions, and a vocabulary review.

An Online Instructor's Guide is available.
An Introduction to Expert Systems Springer Nature
Since the late 1950s, the engineering job market in the United States has been fraught with fears of a shortage of engineering skill and talent. U.S. Engineering in a Global Economy brings clarity to issues of supply and demand in this important market. Following a general overview of engineering-labor market trends, the volume examines the educational pathways of undergraduate engineers and their entry into the labor market, the impact of engineers working in firms on productivity and innovation, and different dimensions of the changing engineering labor market, from licensing to changes in demand and guest worker programs. The volume provides insights on engineering education, practice, and careers that can inform educational institutions, funding agencies, and policy makers about the challenges facing the United States in developing its engineering workforce in the global economy.
Knowledge Management Springer
This book provides knowledge engineers with practical methods for initiating, designing, building, managing, and demonstrating successful commercial expert systems. It is a record of what actually works (and does not work) in the construction of expert systems, drawn from the author's decade of experience in building expert systems in all major areas of application for American, European, and Japanese organizations. The book features: * knowledge engineering programming techniques * useful skills for demonstrating expert systems * practical costing and metrics * guidelines for using knowledge representation techniques * solutions to common difficulties in design and implementation

U.S. Engineering in a Global Economy Springer
This is the first book to provide a step-by-step guide to the methods and practical aspects of acquiring, modelling, storing and sharing knowledge. The reader is led through 47 steps from the inception of a project to its conclusion. Each is described in terms of reasons, required resources, activities, and solutions to common problems. In addition, each step has a checklist which tracks the key items that should be achieved.
How to Get Your First Job As a Software Engineer Routledge
With contributions from 26 leading KM practitioners, academicians, and information professionals, editors Srikantaiah and Koenig bridge the gap between two distinct perspectives, equipping information professionals with the tools to make a broader and more effective contribution in developing KM systems and creating a knowledge management culture within their organizations.
Intelligent Data Engineering and Automated Learning - IDEAL 2005 IGI Global
Contact and network with the nation's best employers. Understand the latest IT jobs in today's marketplace, job descriptions, and IT Skill Sets that make you attractive and job-worthy. Analytical Articles: C++ Computer Programmer Jobs, Java and JavaScript Programmer Jobs, Visual Basic Programmer Jobs, Sun Solaris, Unix, Linux, Network Tech Jobs Oracle, SQL, FoxPro, Sybase, Database Management Programmer Jobs Software Programmer Jobs; Software Engineer Jobs, Network Programmer Jobs, Network Systems Jobs, Telecommunications Jobs, Web Developer Jobs, IT Procurement Jobs, IT Training Jobs, Project Management Jobs, IT Security, Computer Graphics Jobs, Computer Animation Jobs. Positioning Tools for IT Jobs: IT Skill Sets - IT Job Titles, Sample IT Job Classifications, The Scannable IT E-Resume. Benefits: Gain access to over 1200 IT Services Firms with Corporate & Government contracts in Mid-Atlantic States, complete with Recruiter e-Mails and company website URLS. Gain a contemporary overview of the IT scene today - the latest IT skill sets and leading job titles in demand, Gain access to knowledge about the single largest supplier of IT jobs to U.S. government and private corporate clients - 22,000 U.S. IT Service Providers in 50 U.S. States, Learn to avoid time consuming mistakes when searching for your first or next IT position, Benefit from authentic job classification and contract documents showing you the ropes of real hiring, Benefit from professional know-how on positioning yourself. Book jacket.
STEM Jobs with Cars Cambridge University Press
Organizational Learning and Knowledge: Concepts, Methodologies, Tools and Applications demonstrates exhaustively the many applications, issues,

and techniques applied to the science of recording, categorizing, using and learning from the experiences and expertise acquired by the modern organization. A much needed collection, this multi-volume reference presents the theoretical foundations, research results, practical case studies, and future trends to both inform the decisions facing today's organizations and the establish fruitful organizational practices for the future. Practitioners, researchers, and academics involved in leading organizations of all types will find useful, grounded resources for navigating the ever-changing organizational landscape.

Digital Lawyering IGI Global

Women in the developed world expect to work in the labour force over the course of their lives. On finishing school more girls are entering universities and undertaking professional training for careers than ever before. Males and females enter many high status professions in roughly equal numbers. However, engineering stands out as a profession that remains obstinately male dominated. Despite efforts to change, little progress has been made in attracting and retaining women in engineering. This book analyses the outcomes of a decade-long investigation into this phenomenon, framed by two questions: Why are there so few women in engineering? And why is this so difficult to change? The study includes data from two major surveys, accounts from female engineers in a range of locations and engineering fields, and case studies of three large engineering corporations. The authors explore the history and politics of several organisations related to women in engineering, and conclude with an analysis of a range of campaigns that have been waged to address the issue of women's minority status in engineering. Challenging Knowledge, Sex and Power will be of great interest to students of feminist economics, and is also relevant to researchers in women's studies and engineering education.

Knowledge Management for the Information Professional Walter de Gruyter

IT Perspectives Conference is a documentation of the top-level conference sponsored by the publishers of Computer Weekly, which aims to examine the issues that concern computer professionals and to provide at least some of the answers while indicating the directions which IT may be expected to take moving on to the 1990s. Leading figures from the IT industry and from major computer users show how they are tackling the transition from the limited task based approach of traditional computing to the more wide-ranging strategic issues implicit in the concept of information as a resource to be managed, used competitively, and even sold. In looking towards a future characterized by transaction-oriented systems, online databases, and distributed processing, the significance of tools such as fourth generation languages and computer-assisted software engineering is described and the vital role of communications at all levels from local area networks to the development of international standards is examined. This book will be useful to anyone wishing to discern the main trends in IT development and computer systems implementation as they set out to develop the systems of the 1990s.