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**Zaremohzzabieh, Zeinab, Abdullah,
Rusli, Ahrari, Seyedali**



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Current and Future Trends on AI Applications Mohammed A. Al-Sharafi, Mostafa Al-Emran, Moamin A Mahmoud, Ibrahim Arpaci, 2025-01-21 This book offers a deep dive into cutting edge advancements and emerging trends that are reshaping industries and society From healthcare and cybersecurity to disaster management and energy informatics this book brings together expert insights and real world applications showcasing AI s profound impact and boundless potential Perfect for researchers practitioners and students alike this comprehensive guide not only highlights current innovations but also provides a forward looking perspective on how AI will drive the next wave of technological breakthroughs **Getting Skills Right Training Supply for the Green and AI Transitions Equipping Workers with the Right Skills** OECD, 2024-12-11 Adult learning systems are being called upon to prepare workers for major labour market shifts including the green transition and the rise of artificial intelligence AI in the workplace While initial education is important upskilling and reskilling the existing workforce is essential to help individuals and businesses adapt and prepare for these transitions Policy makers face the challenge of ensuring training is both relevant and inclusive yet there is limited understanding of whether current training supply is sufficient to meet current and future skill needs Most research focuses on the demand for skills with little insight into the supply To fill this gap this report uses evidence from new OECD questionnaires and an analysis of training catalogues to evaluate whether current training supply aligns with the skills needed for the green and AI transitions It also provides insight into the accessibility and flexibility of training efforts to guide policy makers in their efforts to develop more effective inclusive training strategies Exploring Youth Studies in the Age of AI Zaremohzzabieh, Zeinab, Abdullah, Rusli, Ahrari, Seyedal, 2024-07-24 In an era defined by the relentless march of technology the seamless integration of Artificial Intelligence AI into our daily lives has ushered in a transformative landscape At the forefront of this evolution are the Digital Natives of Generation AI navigating the complexities of a digital world where algorithms are integral to their daily experiences This juncture presents a dual influence marked by the continuous progression of technological advancements and the dynamic ways the youngest members of our society engage with and adapt to the digital environment As we stand at the crossroads of youth studies and AI there arises a pressing need to comprehend the profound impact of this convergence on the future leaders of our world Addressing this imperative Exploring Youth Studies in the Age of AI emerges as a comprehensive solution to unravel the complexities and opportunities within this evolving landscape This book meticulously crafted for academics researchers educators policymakers and technology ethicists serves as a guiding beacon in understanding how AI shapes the experiences of today s youth and in turn how youth culture influences the development and application of AI technologies With a collection of enlightening chapters covering topics from Data Driven Pedagogies to Ethical AI Guiding Principles for Youth Centric Development the book delves deep into the diverse dimensions of this intersection providing actionable insights and fostering a nuanced understanding for those invested in the ethical social and

educational implications of AI within the context of youth **Career Services and Workforce Development Centers for Libraries** Raymond Pun, Arpine Eloyan, Michael R. Oppenheim, 2024-11-18 With the rise of unemployment increased career growth opportunities and changing workforce demographics libraries can support job seekers in several ways Career Services and Workforce Development Center for Libraries A Guide serves as a resource for libraries interested in creating supporting or enhancing their career services economic and workforce development programs for their communities Going beyond collection development and hosting job fair activities the book covers teaching resources and interviews from library leaders supporting workforce development initiatives or collaborations ideas on how libraries can be embedded in the workforce development community by providing a series of job readiness activities programs and services how academic and public librarians can support their users exploring career opportunities and development examines employment trends and resources such as generative artificial intelligence to dive into these issues so libraries can stay active in identifying new skill development and technologies to support their communities How can one start a career services or job center program in their libraries What are specialized career services in libraries being offered How can libraries advocate for funding for workforce development Divided into five chapters each chapter addresses these questions and provides a series of examples ideas and resources for readers to consider replicating in their own libraries If you are looking for ideas for your libraries to support a community of job seekers this is the book for you **Math Optimization for Artificial Intelligence** Umesh Kumar Lilhore, Vishal Dutt, T. Ananth Kumar, Martin Margala, Kaamran Raahemifar, 2025-04-21 The book presents powerful optimization approaches for integrating AI into daily life This book explores how heuristic and metaheuristic methodologies have revolutionized the fields of robotics and machine learning The book covers the wide range of tools and methods that have emerged as part of the AI revolution from state of the art decision making algorithms for robots to data driven machine learning models Each chapter offers a meticulous examination of the theoretical foundations and practical applications of mathematical optimization helping readers understand how these methods are transforming the field of technology This book is an invaluable resource for researchers practitioners and students It makes AI optimization accessible and comprehensible equipping the next generation of innovators with the knowledge and skills to further advance robotics and machine learning While artificial intelligence constantly evolves this book sheds light on the path ahead *Most Popular Web Sites* Lycos Development Group, 1997-02 **Current and Prospective Applications of Virtual Reality in Higher Education** Choi, Dong Hwa, Dailey-Hebert, Amber, Estes, Judi Simmons, 2020-07-31 For the last decade virtual reality has been utilized in diverse fields such as entertainment medicine and industry Recently virtual reality has been applied in educational settings in order to transform student learning and experiences through such methods as building prototypes using digital devices or exploring new cultures through immersive interactions Teachers who can incorporate virtual reality into their classrooms can provide their students with more meaningful learning experiences and can witness higher engagement Current and

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