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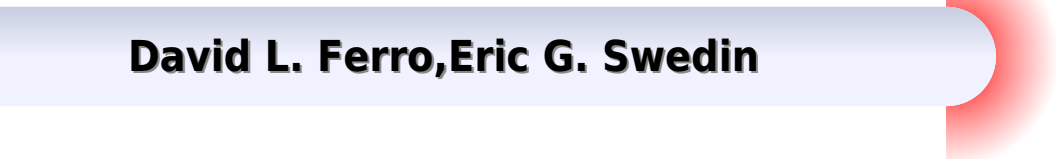
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Concise Encyclopedia Of Computer Science

David L. Ferro, Eric G. Swedin



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Ferro, Eric G. Swedin, 2011-09-29 The prevalence of science fiction readership among those who create and program computers is so well known that it has become a cliché but the phenomenon has remained largely unexplored by scholars What role has science fiction played in the actual development of computers and computing And likewise how has computing including the related fields of robotics and artificial intelligence affected the course of science fiction The 18 essays in this critical work explore the interrelationship of these domains over the span of more than half a century Birth of Modern Facts James W. Cortada, 2023-01-09 For over twenty years James W Cortada has pioneered research into how information shapes society In this book he tells the story of how information evolved since the mid nineteenth century Cortada argues that information increased in quantity became more specialized by discipline e g mathematics science political science and more organized Information increased in volume due to a series of innovations such as the electrification of communications and the development of computers but also due to the organization of facts and knowledge by discipline making it easier to manage and access He looks at what major disciplines have done to shape the nature of modern information devoting chapters to the most obvious ones Cortada argues that understanding how some features of information evolved is useful for those who work in subjects that deal with their very construct and application such as computer scientists and those exploring social media and most recently history The Birth of Modern Facts builds on Cortada's prior books examining how information became a central feature of modern society most notably as a sequel to All the Facts A History of Information in the United States since 1870 OUP 2016 and Building Blocks of Society History Information Ecosystems and Infrastructures R L 2021 *Research within the Disciplines* Peggy Keeran, Michael Levine-Clark, 2014-04-28 Research within the Disciplines is designed to help reference librarians and students studying to become librarians gain that deeper understanding of disciplinary differences that allows them to comfortably solve information needs rather than merely responding to questions and practical knowledge about how to work with researchers in a library setting The book has three chapters that cover the disciplines at the broadest level humanities social sciences and sciences plus supplemental chapters that focus on associated disciplines research in history business and engineering research using government sources and across disciplines interdisciplinary and critical information literacy For the second edition of Research within the Disciplines several chapters have been added that together give a broader and deeper overview of research across all subject areas research practices of creative and performing artists and of clinical scientists research in international documents research strategies for foreign language materials and visual literacy across the disciplines Major shifts in technology have been accounted for that have changed how we do research and have expanded the range of resources available to researchers in all disciplines All of the chapters have been rewritten or heavily revised this is much more a new book than a new edition **Handbook of Research on Information Communication Technology Policy: Trends, Issues and Advancements** Adomi, Esharenana E., 2010-07-31 The Handbook of Research on Information Communication Technology Policy Trends Issues and

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