

Research Anthology on Recent Trends, Tools, and Implications of Computer Programming

Information Resources Management Association (USA)

Description:

Programming has become a significant part of connecting theoretical development and scientific application computation. Computer programs and processes that take into account the goals and needs of the user meet with the greatest success, so it behooves software engineers to consider the human element inherent in every line of code they write.



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is a vital reference source that examines the latest scholarly material on trends, techniques, and uses of various programming applications and examines the benefits and challenges of these computational developments. Highlighting a range of topics such as coding standards, software engineering, and computer systems development, this multi-volume book is ideally designed for programmers, computer scientists, software developers, analysts, security experts, IoT software programmers, computer and software engineers, students, professionals, and researchers.

ISBN: 9781799830160

Pages: 2069

Copyright: 2021

Release Date: August, 2020

Hardcover: \$2,950.00

E-Book: \$2,950.00

Hardcover + E-Book: \$3,570.00

Topics Covered:

Coding Standards
Collaborative Programming
Computer Systems Development
Debugging
ICT Project Design
Programming Language Training

Software Architecture
Software Engineering
Source Code Maintenance
System Testing
User-Centered Design

Subject: Computer Science and Information Technology

Classification: Critical Exploration

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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