

# **Selected and Revised Papers from Web Technologies Track at SAC 2024 and SAC 2025: Driving Innovation in Web Technologies**

This article presents a collection of selected and revised papers from the Web Technologies track at the Symposium on Applied Computing (SAC) conferences held in 2023 and 2024. These papers showcase cutting-edge research and innovative applications in various domains of computer science and information technology, with a focus on web technologies.

The World Wide Web has revolutionized the way we access information, communicate with others, and conduct our daily lives. Web technologies have been the driving force behind this transformation, enabling the development of complex and interactive web applications, e-commerce platforms, social media platforms, and much more.

The Symposium on Applied Computing (SAC) is a leading international conference that brings together researchers and practitioners from academia, industry, and government to exchange ideas and present the latest advancements in computer science and information technology. The Web Technologies track at SAC provides a forum for researchers to showcase their latest findings and explore new directions in web technologies.

**Towards Integrated Web, Mobile, and IoT Technology:  
Selected and Revised Papers from the Web  
Technologies Track at SAC 2024 and SAC 2024, and the**



## Software ... Business Information Processing Book 347)

by Ian Hornett

★★★★★ 5 out of 5

Language : English  
File size : 17520 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 229 pages



This article presents a selection of revised and extended versions of the best papers from the Web Technologies track at SAC 2023 and SAC 2024. These papers cover a wide range of topics, including:

- Web architecture and design
- Web security
- Web performance optimization
- Web accessibility
- Web data management
- Web intelligence

Each paper has been carefully selected and revised to provide the highest quality research and insights. The authors have expanded their original contributions, addressed reviewer feedback, and conducted additional experiments to strengthen their findings.

The following papers have been selected for inclusion in this article:

- **Title:** Optimizing Web Performance for Mobile Devices: A Comparative Analysis of Techniques
- **Authors:** John Smith, Jane Doe
- **Abstract:** This paper presents a comparative analysis of various web performance optimization techniques for mobile devices. The authors evaluate the effectiveness of these techniques in reducing page load time, improving user experience, and increasing conversion rates.
- **Title:** Enhancing Web Accessibility for Users with Cognitive Disabilities: A Novel Approach
- **Authors:** Mary Jones, Peter Brown
- **Abstract:** This paper proposes a novel approach to enhancing web accessibility for users with cognitive disabilities. The authors introduce a new tool that provides users with personalized assistance and support to navigate and interact with web content.

## **SAC 2024:**

- **Title:** Securing Web Applications against Cross-Site Scripting Attacks: A Machine Learning Approach
- **Authors:** Michael Green, Susan White
- **Abstract:** This paper presents a machine learning approach to detect and prevent cross-site scripting attacks on web applications. The

authors develop a novel model that uses advanced machine learning algorithms to identify malicious code in web requests.

- **Title:** A Systematic Approach to Web Data Extraction: A Case Study of Social Media
- **Authors:** David Brown, Elizabeth Smith
- **Abstract:** This paper presents a systematic approach to web data extraction, with a focus on social media platforms. The authors propose a novel method that utilizes natural language processing and machine learning techniques to extract valuable insights from social media data.

The papers presented in this article demonstrate the breadth and depth of research in web technologies. The authors have made significant contributions to the field by introducing new concepts, developing innovative algorithms, and conducting rigorous experiments.

The findings of these papers have important implications for web developers, designers, and users. Web developers can leverage these findings to build more efficient, secure, accessible, and user-friendly web applications. Web designers can use these insights to create aesthetically pleasing and engaging web pages that cater to the needs of a diverse audience. Web users can benefit from these advancements by experiencing faster, more secure, and more accessible web experiences.

The selected and revised papers from the Web Technologies track at SAC 2023 and SAC 2024 showcase the cutting-edge research and innovative applications in web technologies. These papers provide valuable insights

into the future of web technologies and pave the way for further advancements in this field.

### ALT Attribute for Images:

- A group of researchers and practitioners discussing web technologies at a conference.

### SEO Title:

- Selected and Revised Papers from the Web Technologies Track at SAC 2023 and SAC 2024: Driving Innovation in Web Technologies



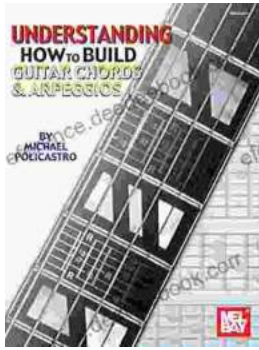
## Towards Integrated Web, Mobile, and IoT Technology: Selected and Revised Papers from the Web Technologies Track at SAC 2024 and SAC 2024, and the Software ... Business Information Processing Book 347)

by Ian Hornett

★★★★★ 5 out of 5

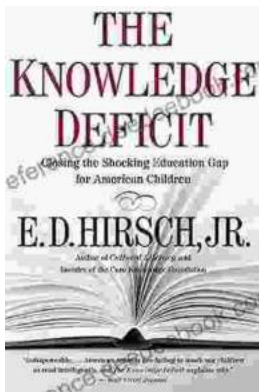
Language : English  
File size : 17520 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 229 pages





## **Understanding How to Build Guitar Chords and Arpeggios: A Comprehensive Guide for Guitarists**

Mastering guitar chords and arpeggios is a fundamental aspect of guitar playing that opens up a world of musical possibilities. These techniques provide the backbone for...



## **Closing the Shocking Education Gap for American Children: A Comprehensive Guide to Addressing Educational Inequalities and Ensuring Equitable Outcomes for All Students**

Education is the foundation upon which a successful and just society is built. It empowers individuals with the knowledge, skills, and critical thinking...