

Special Issue

Intelligent Approaches for Solving Software Problems with AI Techniques

Message from the Guest Editors

Artificial Intelligence (AI) technology, especially multimodal AI and Large Language Models (LLMs), has been rapidly advancing in recent years. This progress has brought innovative changes to traditional software development and methods of solving software problems. These AI technologies can understand and process various forms of data, integrating these forms of data to produce new analyses and outcomes. Therefore, we aim to discuss intelligent approaches to solve existing software problems using these rapidly evolving AI technologies. While these latest AI technologies are improving our lives in various ways, they come with several limitations and challenges. Thus, continuous research and development are essential to effectively utilize these latest AI technologies. We will explore how these latest AI technologies can enhance the quality, efficiency, and security of software. We plan to share specific case studies and research results on how these technologies contribute to software development.

Guest Editors

Dr. Yeong-Seok Seo

Department of Computer Engineering, Yeungnam University,
Gyeongsan 38541, Republic of Korea

Prof. Dr. Jun-Ho Huh

Department of Data Science, National Korea Maritime and Ocean
University, Busan 49112, Republic of Korea

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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