Special Issue

Security and Privacy in IoT Enabled Modern Applications Using Deep/Machine Learning and Blockchain Technology

Message from the Guest Editors

The security and privacy of users have become significant concerns due to the involvement of the Internet of Things (IoT) devices in numerous applications. Cyber threats are growing at an explosive pace, making the existing security and privacy measures inadequate. Machine Learning (ML) algorithms are used to produce accurate outputs from large complex databases. The generated results can be used to predict and detect vulnerabilities in IoT-based systems. Furthermore, Blockchain (BC) techniques are becoming popular in modern IoT applications to solve security and privacy issues. In this Special Issue, we focus on related security and privacy issues using ML and BC techniques in the IoT domain. The Special Issue emphasizes the operational elements of the IoT using machine learning techniques that facilitate intelligence in security and privacy challenges in the real world and in cyberspace. Additionally, we will invite authors to submit case studies based on categorizing various security and privacy threats reported in the past few years (especially during the COVID-19 pandemic) in the IoT domain, along with original research papers as well as survey papers.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

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 guest-edited by leading experts in selected topics of interest.

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