

Special Issue

Privacy and Cybersecurity in IoT-Based Applications

Message from the Guest Editor

User privacy and data protection are important challenges that need to be addressed in Internet of Things (IoT)-based sensor applications. The IoT spawns new businesses and makes buildings, cities, and transport smarter. It allows for ubiquitous data collection or tracking, but these useful features are also examples of privacy threats that are already limiting the success of the IoT vision when not implemented correctly. Privacy should be protected in the device, storage, communication, and processing. The use of the IoT in monitoring patient healthcare using sensors and devices comes with tremendous security concerns. Recent sophisticated attacks like data integrity, data breaching, and data collusion are major safety and confidentiality concerns related to IoT-based applications such as healthcare monitoring systems. In this Special Issue, we invite contributions to the latest advances in IoT technology, the developments of related algorithms, schemes, and architectures, and the various privacy and cybersecurity application issues.

Guest Editor

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