

Special Issue

The Role of Fog and Edge Computing in Machine Learning-Based Applications

Message from the Guest Editor

This special issue is to invite experts from multiple areas to contribute and share their ideas and findings to illustrate the role of edge and fog computing in the trend of Artificial Intelligence(AI), specially Machine Learning(ML)-based algorithms can be applied progressively and extensively to sensor-generated data in the domains of self-driving vehicles, personal assistance, image recognition for diagnosis, and in general as data-driven optimization systems and IoT applications to industry 4.0. A list of topics that would be welcome in this issue includes but not limits the following: Distributed privacy preserving algorithms Optimization of ML algorithms between edge, fog, and cloud node Sensor-generated data processing capacity Sensor-generated data inference and training operations Data sources security in wireless communications Performance models for fog/edge computing Management and orchestration of edge/fog resources

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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