

### Computer Engineering: Ph.D. Dissertation Topics

### **2021 Dissertation Titles**

• Electronic Design Automation Algorithms for Physical Design and Optimization of Single Flux Quantum Logic Circuits, Principal Investigator (P.I): Massoud Pedram, Professor

# **2020 Dissertation Titles**

- Effective Graph Representation and Vertex Classification with Machine Learning Techniques, P.I: C.-C. Jay Kuo, Professor
- Enabling Virtual and Augmented Reality over Dense Wireless Networks, P.I: Konstantinos Psounis, Professor
- Building Straggler-Resilient and Private Machine Learning Systems in the Cloud, P.I: Murali Annavaram, Professor

# **2019 Dissertation Titles**

- Enabling Virtual and Augmented Reality over Dense Wireless Networks, P.I: Konstantinos Psounis, Professor
- Effective Graph Representation and Vertex Classification with Machine Learning Techniques, P.I: C.-C. Jay Kuo, Professor

# **2017 Dissertation Titles**

- Discrete Optimization for Supply Demand Matching in Smart Grids, P.I: Viktor Prasanna, Professor
- Efficient Memory Coherence and Consistency Support for Enabling Data Sharing in GPUs, P.I: Murali Annavaram, Professor