FACULTY MENTOR
Mingu Kang

PROJECT TITLE
Machine Learning Algorithm Optimization for Edge Devices

PROJECT DESCRIPTION
Machine learning (ML) algorithms' optimization will be researched to achieve less parameter, less computation, and to be more hardware-friendly while maintaining its accuracy. The ML algorithm's architecture, computing kernel, and many others are customized by training the network model with a new loss and regularization term to enable the decision-making and training at the resource-budgeted edge devices.

This project will be in person.

INTERNS NEEDED
2 Students

PREREQUISITES
- Machine learning training experience, PyTorch technique