**FACULTY MENTOR**

Farinaz Koushanfar

**PROJECT TITLE**

Learning Based Optimization

**PROJECT DESCRIPTION**

Developing and implementing learning-based optimization methods that use tools such as Deep Reinforcement Learning, Graph Neural Networks, and Adaptive Sampling.

This project can accommodate both remote and in-person students.

**INTERNS NEEDED**

2 Students

**PREREQUISITES**

- Familiar with machine learning frameworks such as deep learning, deep reinforcement learning, and graph neural networks.
- Familiar with python programming.