

FACULTY MENTOR

Javidi, Tara

PROJECT TITLE

DetecDrone

PROJECT DESCRIPTION

We use drones for augment users' sensing capabilities. Think of drones as flying eyes/cameras; how can we fully utilize the ability of the drones to fly to our advantage?

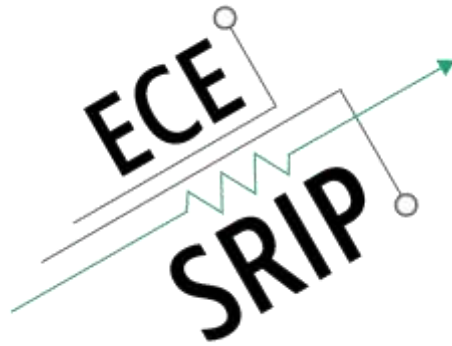
This project can accommodate both remote and in-person students

INTERNS NEEDED

5

PREREQUISITES

Be reliable, have interest in the broader fields of data science, signal processing, control and robotics, computer vision and willing to learn to code



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PROJECT TITLE

Active Information Acquisition

PROJECT DESCRIPTION

While the first generation of data analytics methods dealt with large data sets collected indiscriminately at scale, the more recent applications have to deal with the cost, quality, and nature of collected data. This project addresses this problem from a first principle.

This project can accommodate both remote and in-person students

INTERNS NEEDED

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PREREQUISITES

Mathematically inclined. ECE109 is a must. ECE161A, ECE153 and/or ECE159 a plus.