

UNDERGRADUATE
RESEARCH & LAB JOB FAIR
HOSTED BY ECE



Project student will be supporting:

Energy-efficient and Intelligent Computer Systems

Sponsor:

Professor Ayse Coskun

Hours per week

Spring 2025: 8-15 hours per week; Summer 2025: 20-40 hours per week; Fall 2025: 8-15 hours per week

Paid?

Paid all semesters

Job description

Performance and Energy Aware Computing Laboratory (PeacLab) led by Prof. Coskun offers a variety of projects at the intersection of design automation, systems, software, and architecture, including:

- (1) Applied machine learning for performance analytics in large-scale computers,
- (2) Sustainable data centers,
- (3) Efficient cloud and embedded architectures,
- (4) Design of computers with new technologies (such as 3D stacking or silicon photonic links).

Qualifications:

- Programming experience with C, C++, or Python (e.g., EC327 or equivalent)
- Familiarity with Linux
- Familiarity with hands-on design with embedded boards.

