Title: ASU PhD opening in ECEE/SCAI (Fall 2024/Spring 2025)

The School of Electrical, Computer and Energy Engineering (ECEE) and School of Computing and Augmented Intelligence (SCAI) at the Ira A. Fulton Schools of Engineering at Arizona State University (ASU) invites applications for PhD program starting in Fall 2024 or Spring 2025. We are seeking dedicated, self-motivated students with good communication skills.

The position will be under the guidance of assistant professor Leslie Hwang with the research area focused on Machine Learning (ML)-driven Multi-Physics Analysis and Generative AI-driven Engineering Design Optimization. It involves building ML models for electronic design automation (EDA). You can find related previous project details on the website.

Required Qualifications

- Bachelor's degree in computer science, electrical engineering or related fields
- Department's admission requirement
- Hands-on programming experience in C/C++ and/or Python
- Good verbal and written communication skills

Preferred Qualifications

- Master's degree in computer science, electrical engineering or related fields
- Experience with ML libraries is a big plus
- Experience with simulation tools (e.g., EDA tools, Ansys)
- Understanding of electronic design automation and process
- Knowledge in scientific design and modeling

The position will receive full funding support including tuition, competitive stipend, and benefits.

Review of applications will begin immediately and continue until the positions are filled. If you are interested in the position, please contact prof. Leslie Hwang with the following materials.

Application Materials

- Curriculum Vitae (CV)
- Copy of transcripts