

EcoAI Computing Lab

Looking for highly motivated Ph.D. students

Why us?

- ✓ Top CS program in the U.S. with strong peers
- ✓ Pioneered research in efficient ML systems
- ✓ Publications in top ML & Arch. conferences
- ✓ Supportive professor and lab culture
- ✓ Collaborations with industry (e.g., Meta, Google, Nvidia, Adobe, Intel)

Why you?

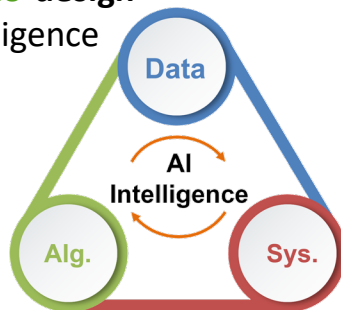
- ✓ Self-motivated and hardworking
- ✓ Curiosity, perseverance, and professionalism
- ✓ Clear logic and writing/presentation skills
- ✓ Proficient coding skills (PyTorch/C++/CUDA)
- ✓ Experience in ML, System, or Arch. research

Lab Vision: AI Computing with

- ✓ **Efficiency**
- ✓ **Algorithm-hardware co-design**

to enable ubiquitous intelligence across edge and cloud.

Driving progress through three pillars: Data, Algorithms, and Systems.



No. 13
CS

No. 8
CE

No. 13
Sys.

Source: CSRankings, U.S. News & World Report

About PI: Haoran You is an incoming Assistant Professor at Purdue University. He earned his Ph.D. in Computer Science from Georgia Tech. His research focuses on efficient machine learning systems through algorithm–hardware co-design, tackling the growing complexity of large language and vision models (LLMs/LVMs) under the resource constraints of both edge and cloud computing platforms. His work has been recognized with several honors, including being named a ML and Systems Rising Star (2023), receiving IEEE Micro Top Picks (2023), and winning first place in the University Best Demonstration at DAC (2022).

If you're interested, please email your CV and transcripts to **haoran@purdue.edu** with the subject line:

PhD Application – [Your Name], [Your Institution].