



Summer Undergrad Research Opportunities in Artificial Intelligence (AI) and Wireless Networking

AI-EDGE Institute (<https://aiedge.osu.edu/>) will host an upcoming research experiences for undergraduates (REU) program in Summer 2025. AI-EDGE Institute is an NSF-funded AI Institute for future edge networks and distributed intelligence. Students joining this program will have opportunities to work with and learn from world class experts in network systems, AI and machine learning (ML), and conduct research projects along a broad range of AI and networking related topics. The program will also host career panels, social events, and mini-workshops where students can present their research findings.

The program will run for eight weeks, from late May to July 2025, and offers two participation options:

- **In-Person** students will be hosted on the campus of The Ohio State University in Columbus, Ohio. They will be assigned mentors and engage in research projects spanning various topics in AI and networking. In-person participants will receive a monthly stipend and complimentary accommodation in university dormitories. Additionally, students will attend weekly lectures.
- **Online** students will remotely participate in weekly lectures covering AI, machine learning, networking, and related fields, but will not receive a stipend. They will also work on structured, course-level hands-on projects with remote guidance from the lecturers.

Students who are interested in this program can apply by sending an email to AI-EDGE Program Coordinator Dr. Yilun Yang <yang.4969@osu.edu> by **April 15, 2025**. In the email, please specify "AI-EDGE REU Program Application" in the subject, and include the following items: (i) the option (in-person or online) you prefer to take, (ii) your interested areas of research if you choose in-person as an option (some research areas include, but not limited to, AI for networking design, generative AI approaches, AI security, distributed learning, large language models, reinforcement learning, etc.); (iii) an up-to-date CV; (iv) a copy of your academic transcript and (v) your immigration status. The opportunities for in-person participation are limited, with priority given to students whose research interests closely align with AI-EDGE research areas.