

AI Research for Intelligent Systems and Efficiency (ARISE)

NSF REU Site | Award #2548190 | Summer 2027

Build AI that runs faster, leaner, and smarter from app to silicon

ARISE is a paid 10-week summer research program in the School of Electrical, Computing, and Software Engineering (ECSE) at the University of Arizona in Tucson. Work with two faculty mentors on a real project that spans AI applications, efficient algorithms, and hardware.

WHAT YOU'LL GAIN:

- **Stipend**: Paid research position for the full 10 weeks.
- **On-campus housing:** Furnished, air-conditioned rooms shared with about 20 other summer researchers.
- **Meal plan:** Breakfast, lunch, and dinner at 30+ campus dining locations.
- **Your own workstation and GPUs:** A desk in the Joint AI Lab with local GPUs, plus access to the university's HPC clusters.
- **A path to publication:** Mentors keep working with you after the summer to turn results into conference papers.

TEN WEEKS, START TO SHOWCASE

May 31 to August 6, 2027

THREE LAYERS OF THE AI STACK

Every ARISE project pairs two layers of the AI stack, with one mentor from each.

1. **AI Applications**
2. **Efficient Algorithms**
3. **Hardware Systems**

APPLICATION NOW OPEN

DEADLINE: FEB. 7, 2027

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