



THE UNIVERSITY OF ARIZONA
COLLEGE OF ENGINEERING

Electrical & Computer
Engineering



Open Positions for PhD with Funding – Fall 2025

We are looking for several motivated students (having Bachelors/Masters degree) with strong background in mathematics (linear algebra, optimization, matrix analysis, etc.), computer programming, AI/ML/deep learning, parallel computing, or/and computer architecture to join **Distributed AI and Smart Systems (DASS) Lab** at University of Arizona for pursuing a PhD in ECE/CSE.

Who are we?

Based in the Department of Electrical and Computer Engineering at University of Arizona (UofA) in Tucson, **Electrical and Computer Engineering (ECE)** and **Computer Science and Engineering (CSE)** programs offer industry-driven and applied academics, emphasizing hands-on learning while teaching the engineering mindset to prepare students for emerging challenges and opportunities.

Dr. Jyotikrishna Dass (B.Tech, IIT Guwahati | PhD, Texas A&M University | Postdoc, Rice University) is an Assistant Professor in the Dept. of ECE. He directs the DASS Lab focussing on **efficient machine learning algorithms and systems for distributed edge intelligence**.

Why choose UofA?



Top 20 Public Research University in USA, #1 In Arizona
Research Expenditures by NSF



Top 25 Public University (#48 overall) in USA, #155 globally
Times Higher Ed World University Rankings'24

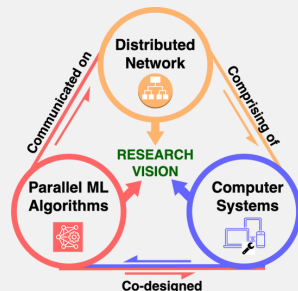


PhD in ECE or CSE (Direct/Post MS) with Funding
Tuition coverage, competitive stipend as RA or TA, adequate health insurance



Tucson, UNESCO City of Gastronomy
Vibrant and sunny city rooted in culture, music, food, and endless outdoor adventures: hiking, cycling, stargazing, skiing at Mt. Lemmon

DASS Lab



We publish in top-tier machine learning and systems conferences and journals.

Desired Skills

- Love for Mathematics (linear algebra, optimization, matrix analysis, etc)
- Python/PyTorch, C++, MPI, ML/DL tools and libraries, FPGA/HDL/CUDA
- Self motivated, devoted to research, resilient, curiosity to learn, ability to work both independently and in a team - living by UofA core values (integrity, compassion, exploration, adaptation, inclusion, and determination)
- Proficient in verbal and written English

We are committed to providing an enriching PhD experience in a supportive and collaborative setting, with close mentorship from Dr. Dass, working together on your personal growth, career interests, and building life-long connections.

Apply for PhD
priority deadline - Dec. 15th
GRE not required

Enthusiastic to be part of an innovative research lab focussed on AI and Systems at the University of Arizona?

Submit **Research Interest Form** in link below to join DASS Lab



<https://jyotikrd.github.io>