

Research Experiences for Undergraduates: Assistive Technologies for People with Disabilities

Department of Computer Science and Engineering
The University of Texas at Arlington



Assistive Technologies, Inter-disciplinary training, immersion
in near real-life environment

Summer 2024 Research Internships (May 27 to August 2, 2024)

Ten research assistantships are currently available for qualified undergraduate sophomore, junior and senior computer science and engineering students to participate in research in the field of assistive technologies for people with disabilities. The program will be conducted at an NSF-supported REU Site in the Department of Computer Science and Engineering at the University of Texas at Arlington (CSE@UTA). In this project, the CSE Department, in partnership with several other departments at UTA, will offer a Research Experience for Undergraduates (REU) program focusing on assistive technologies (AT) for people with disabilities (PWD). The proposed theme encompasses innovative and novel topics that can help PWD meet barriers of different kinds - attitudinal, architectural, and technological - in accessing employment, navigating public spaces, freely communicating, and living independently. During this summer, each student will be working in a multi-disciplinary setting and exposed to innovative and novel inter-disciplinary projects through research and prototyping. They receive \$6,000 and housing allowance when applicable.

Principle Investigators

Dr. Ishfaq Ahmad, Dr. Kathryn Daniel,
and Dr. Manfred Huber

Apply at <https://www.nsfetap.org/>



Unique Features:

Females and Minorities Encouraged to Apply

Participants will receive purposeful experience in leadership, ethics, communication, academic writing skills, hands-on training, and learning group-based collaboration.

Application Requirements

- To qualify for the program, applicants have to be:
- American citizen or permanent resident
 - Undergraduate student in computer science, engineering, health informatics, or a related field
 - Junior or Senior in Fall 2024

Application Schedule

- *March May 29, 2024:* Priority Application Deadline
- *April – May 1, 2024:* Notifications of Acceptance are sent out

Application Process

Detailed information and online application at:

<https://www.nsfetap.org/>

Inquiries can be submitted electronically and additional documents:

- Application form
 - Transcript (unofficial is sufficient)
 - Two letters of recommendation
- May also be send Email: iahmad@cse.uta.edu



CSE@UTA REU Site Contact and Additional Information

WWW: <http://ranger.uta.edu/~reu>

E-mail: iahmad@cse.uta.edu

Contact: Prof. Ishfaq Ahmad, 500 UTA Blvd, Room 640, Arlington, TX 76019-0015

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