

# 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 2023 Research Internships

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.

### 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 2023

### Application Schedule

- **March 30, 2023:** Priority Application Deadline
- **May 1 – May 15, 2023:** Notifications of Acceptance are sent out
- **May 20, 2023:** Applicants informed

### Application Process

Applications can be submitted electronically including:

- Application form
- Transcript (unofficial is sufficient)
- Two letters of recommendation

May also be send Email:  
[iahmad@cse.uta.edu](mailto:iahmad@cse.uta.edu)

**Detailed information and online application at:**  
<https://www.nsfetap.org/>



### CSE@UTA REU Site Contact and Additional Information

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

E-mail: [iahmad@cse.uta.edu](mailto:iahmad@cse.uta.edu)

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