AWARE-AI NRT

AWAREness for Sensing Humans Responsibly with AI

We invite your organization to partner with the AWARE-AI National Science Foundation Research Traineeship Program at RIT

Opportunities include:

Interns
Connect with Trainees and attract interns who are well-rounded and value responsibility and human-centeredness in AI

Expertise
Communicate with faculty with AI expertise in five colleges for potential collaborations

Visibility
Benefit from visibility through internships and cooperation

Impact
Promote the development of a more diverse AI workforce and connect with talent from diverse backgrounds

Development
Tap into training workshops and resources open to our community, for employees/alumni

rit.edu/nrtai

AWARE-AI
NSF Research Traineeship

Rochester Institute of Technology

Research Tracks

Software

Trainees investigate machine learning innovations and how to develop AI systems capable of processing multimodal streams of information over time as flexibly as a human.

Hardware

Trainees advance human-robot collaboration and AI on the edge to achieve human trust in automation, and continual machine learning on robotic systems.

Human-computer interaction

Trainees evaluate the needs of older adults with hearing loss in regard to speech technology and develop and assess AI prototype systems.

Cognitive modeling

Trainees investigate human cognitive states and assess AI system reliability, focusing on understudied populations of AI users across the human lifespan or with disabilities.

Alumni Spotlight

Dr. Shitij Kumar, Dexterity Inc.

"As an alumnus of the Engineering Ph.D. Program and the Century Mold Collaborative Robotics Laboratory at RIT, I am very pleased to hear that AI and Human Robot Collaboration research at RIT will continue at a higher level through the NSF AWARE-AI Traineeship Program. At Dexterity Inc. we need engineers who understand both Human Robot Collaboration and AI on the Edge hardware and software."

Access to AI interns from NRT-associated programs

Ph.D. programs:

- Biomedical & Chemical Engineering
- Cognitive Science
- Color Science
- Computing & Information Sciences
- Electrical & Computer Engineering
- Imaging Science
- Mathematical Modeling
- Mechanical & Industrial Engineering
- Microsystems Engineering

MS programs:

- Artificial Intelligence
- Color Science
- Computer Engineering
- Computer Science
- Computing Security
- Data Science
- Electrical Engineering
- Experimental Psychology
- Human-Computer Interaction
- Information Technology & Analytics

About AWARE-AI

AWARE-AI Trainees experience convergent AI research guided by accomplished faculty in research tracks and carefully curated and career-enhancing activities that directly address skill gaps in graduate AI curricula, and develop their network in a research community.

The AWARE-AI team includes faculty who have led translational R&D efforts to build

Learn More

To learn more about partnership, please contact:

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