Jindan Huang

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177 College Ave, Joyce Cummings Center 472, Medford, MA 02155

EDUCATION

Tufts University — Medford, MA
Ph.D. in Computer Science — May 2026(expected)
Advisor: Dr. Elaine Schaertl Short

Johns Hopkins University — Baltimore, MD
M.S.E. in Computer Science, GPA: 3.8/4.0 — May 2020
Advisors: Dr. Chien-Ming Huang, Dr. Russell H. Taylor

China Pharmaceutical University — Nanjing, China
B.S. in Management Information Systems, GPA: 3.9/4.0 — June 2018

HONORS & AWARDS

- **Stern Family Graduate Research Fellowship**, Tufts University — 2020-2022
- **Member of Upsilon Pi Epsilon Honor Society**, Johns Hopkins Chapter — Since 2019
- **Outstanding Graduate**, China Pharmaceutical University — 2018
- **Outstanding Student of Jiangsu Province**, Department of Education of Jiangsu Province — 2017
- **National Scholarship**, Ministry of Education of the P.R. China — 2016-2017
- **First Class Scholarship(Top 3%)**, China Pharmaceutical University — 2015-2017

PUBLICATIONS

CONFERENCE PUBLICATIONS

1. **Huang, J.**, Aronson, R. M., Short, E. S. "Modeling Variation in Human Feedback with User Inputs: An Exploratory Methodology." *In Proceedings of the 2024 ACM/IEEE International Conference on Human-Robot Interaction (HRI'24)*
2. Oppenheim, J.*, **Huang, J.***, Won I., Huang, C.-M. (*equal contribution) "Mental Synchronization in Human Task Demonstration: Implications for Robot Teaching and Learning." *In Companion of the 2021 ACM/IEEE International Conference on Human-Robot Interaction (HRI'21)*
3. Liu, X., Stiber, M., **Huang, J.**, Ishii, M., Hager, G. D., Taylor, R. H., & Unberath, M. "Reconstructing Sinus Anatomy from Endoscopic Video – Towards a Radiation-free Approach for Quantitative Longitudinal Assessment." *In Proceedings of 23rd International Conference on Medical Image Computing and Computer Assisted Intervention (MICCAI'20)*
4. Zhang, J., **Huang, J.** "An image segmentation algorithm research based on optimized PCNN." *In Proceedings of 11th International Conference on Intelligent Computation Technology and Automation (ICICTA'18)*

WORKSHOP PAPERS, ABSTRACTS AND POSTERS

1. **Huang, J.**, Short, E. S. "Towards Robust Robot Learning From Diverse Users." *In the 2023 Northeast Robotics Colloquium at Yale University (NERC'23)*
2. **Huang, J.**, Short, E. S. "Modeling Human Feedback Behavior for Interactive Reinforcement Learning." *In the 2022 ACM/IEEE International Conference on Human-Robot Interaction Workshop on Modeling Human Behavior in Human-Robot Interactions (HRI'22 Workshop)*

3. **Huang, J.**, Short, E. S. "Building a Better Oracle: Using Personas to Create More Human-Like Oracles." *In the 2021 ACM/IEEE International Conference on Human-Robot Interaction Workshop on Research Through Design Approaches in Human-Robot Interaction* (*HRI'21 Workshop*)

TEACHING & OUTREACH

- **Teaching Assistant**
  - Tufts CS 171 Human-Computer Interaction — Spring 2024
  - Tufts CS 152-1 Human Factors in Security and Privacy — Fall 2023
  - Tufts COMP 133 Human-Robot Interaction — Fall 2021
  - JHU EN 601.490/690 Intro to Human-Computer Interaction — Fall 2019
- **Guest Lecturer**
  - Tufts CS 150-03 HCI for Disability — Spring 2023
- **Mentor**
  - JHU Women in Science and Engineering(WISE) Program with Garrison Forest School — Fall 2019

PROFESSIONAL SERVICE

- **Reviewer**
  - ACM/IEEE International Conference on Human-Robot Interaction (HRI) — 2021, 2023, 2024
  - International Conference on Autonomous Agents and Multiagent Systems (AAMAS) — 2023
- **Student Volunteer**
  - ACM/IEEE International Conference on Human-Robot Interaction (HRI) — 2021