

Yao Rong

CONTACT INFORMATION

Rice University
Computer Science Department
O'Connor Room 490, 6100 Main St, Houston, TX, USA

-  yao.rong@rice.edu
-  [Yao Rong](#)
-  [GitHub/yaorong0921](#)
-  [LinkedIn/Yao Rong](#)
-  [Google Scholar/Yao Rong](#)

EDUCATION

Rice University, USA, Sept. 2024 – Aug. 2026

- Postdoctoral Researcher
- Department of Computer Science
- Mentor: [Dr. Vaibhav Unhelkar](#)

Technical University of Munich, Germany, Apr. 2013 – Aug. 2024

- Dr. rer. nat, TUM School of Computation, Information and Technology
- Advisor: [Prof. Dr. Enkelejda Kasneci](#)

University of Tübingen, Germany, Sept. 2019 – Mar. 2023 (transferred out)

- Dr. rer. nat, Computer Science
- Advisor: [Prof. Dr. Enkelejda Kasneci](#)
- Area of Study: Human-Computer Interaction

Technical University of Munich, Germany, Oct. 2016 – Aug. 2019

- M.Sc., Electrical and Computer Engineering
- Area of Study: Automation and Robotics
- Thesis Topic: *Real-time Hand Gesture Recognition based on a ToF Camera*

Tongji University, China & Munich University of Applied Sciences, Germany, Sept. 2012 – Sept. 2016

- B.Eng., Mechatronics (*Dual-degree program*)
- Thesis Topic: *Real-time Hand Gesture Detection and Tracking with OpenCV Library on Android Devices*

RESEARCH EXPERIENCE

Postdoctoral Research Fellow, Sept. 2024 – present

- Enhancing Efficiency and Trustworthy Collaboration Between Humans and Models
- [Rice University Academy of Fellows](#)
- Advisor: [Dr. Vaibhav Unhelkar](#)

Doctoral Researcher, Apr. 2023 – Aug. 2024

- Enhancing Model Interpretability and Competence Through Human Knowledge Integration
- [HCTL \(Human-Centered Technologies for Learning\) Research Group, TU Munich](#)
- Advisor: [Prof. Dr. Enkelejda Kasneci](#)

Doctoral Researcher, Sep. 2019 – Mar. 2023

- Human Attention in Computer Vision Applications
- [HCI \(Human-Computer Interaction\) Research Group, University of Tübingen](#)
- Advisor: [Prof. Dr. Enkelejda Kasneci](#)

Visiting Scholar, Sep. 2022 – Mar. 2023

- Efficient Graph Neural Network Explanation Generation
- [DATA Lab, Rice University](#)
- Advisor: [Prof. Dr. Xia Hu](#)

Joint Research Project, Sep. 2020 – Jun. 2021

- Human Attention in Fine-grained Classification Tasks
- [EML \(Explainable Machine Learning\) Research Group, University of Tübingen](#)
- Advisor: [Prof. Dr. Zeynep Akata](#)