

Ray Chen

Email: chenz1@ufl.edu | Mobile: 614-288-0469 | LinkedIn: @RayChen | Personal Website

RESEARCH INTEREST

Interactive AI/ML, Temporal-Spatial Data, Data Mining, Data Visualization, big data applications, and Human-Centered Interaction.

EDUCATION

- **University of Florida** Gainesville, FL
Ph.D. in Computer Science Aug 2024 – May 2029 (Expected)
- **University of Washington** Seattle, WA
Master of Science in Electrical and Computer Engineering Sep 2022 – Jun 2024
- **The Ohio State University** Columbus, OH
Bachelor of Science in Physics and Astronomy Aug 2018 – May 2022

RESEARCH & PROJECTS

- **FairAI Interface and application** Gainesville, FL
Enable real-time AI fairness visualization on driving data with simultaneous adjustable parameter Aug 2024 - Present

PUBLICATION & PATENTS

- **Why No Scholar Comments Online?** Submitted
- **Challenges and Opportunities for Scholars to Discuss Papers on Academic Social Network Sites**
Computer-supported cooperative work
- **MultiScript30k: Leveraging Multilingual Embeddings to Extend Cross Script Parallel Data** Submitted
Annual Meeting of the Association for Computational Linguistics
- **Real-time Health Assessment and Early Warning Method Based on Perceptual Sampling Data**
Patent number: CN116386840A
- **Health monitoring system based on wireless perception**
Patent number: CN116313093A
- **Daylighting Performance of Sunlight Transmission and Concentration via Plastic Optical Fibers**
International Conference on Computing Innovation and Applied Physics

EXPERIENCE

- **University of Florida, Department of Computer & Information Science & Engineering** Gainesville, FL
Research Assistant Aug 2024 - Present
- **University of Washington, Department of Electrical and Computer Engineering** Seattle, WA
Grader of EE 215: Fundamentals of Electrical Engineering Sep 2023 - Dec 2023
- **Airbus Robotics** Seattle, WA
Software Engineer Intern Jan 2023 - Jun 2023
- **Ohio State University, Department of Astronomy** Columbus, OH
Teaching Assistant of Astronomy 1221: Astronomy Data Analysis and Visualization Jan 2022 - May 2022
- **NR Electric Co., Ltd (State Grid Electric Power Research Institute)** Nanjing, China
Electrical Computer Engineer Intern May 2021 - Aug 2021
- **The Ohio State University, Department of Physics** Columbus, OH
Instructional Assistant of Physics 1250: Introduction to classical physics Aug 2020 - Dec 2020

- **2025 IEEE International Conference on Data Engineering (ICDE)**
Reviewer
- **2024 International Conference on Machine Learning and Applications (ICMLA)**
Reviewer
- **2024 IEEE International Conference on Big Data (IEEE BigData)**
Reviewer