

Haochi Du

52 W pond Rd | Plymouth MA 02360
Cell: (845) 381-6663 | haochidu@uri.edu

EDUCATION

University of Rhode Island, Kingston RI
Major: B.S. Computer Science

May 2022

RELATED COURSE WORK

Object-Oriented Programing, Data Structures and Abstractions, Calculus 1&2, Statistical computing with R, Operating Systems and Networks, Computer Organization

WORK EXPERIENCE

Software Engineer Intern | Fidelity, Smithfield RI

2021 - summer

- Worked with a team of engineers in an agile environment, developing software through the software lifecycle; project worked on contains both back end & frontend technology
- Experienced with CI/CD technology such as Jenkin, docker, and automation script for testing and deployment
- Highlight technologies used: Java, SQL, Ts, Jenkins, Docker, Spring framework, and angular

Research Assistant | University of Rhode Island, Kinston RI

2020 - 2021

- Worked closely with team of professional software engineers researchers to designed and developed Android application to improve security for people with disabilities
- Handled SQL database and Web site programming (primarily using Java, HTML and python)
- Identified relevant data and utilized python machine learning model to improve software stability

TECHNICAL SKILLS

- Python, C, C++, Java, Swift, HTML, JavaScript, Prolog
- Graphic design, Microsoft Office
- Bilingual in English and Mandarin

PROJECTS/RESEARCH

Gaze tracking

2019 - Present

- Developed gaze tracking software to help people with disabilities to control graphic interface with only their gaze
- Transformed python software to an interactive online study using Java Script for data collection and analyzing to perform distance studies during COVID
- Highlight technologies used: python, Java, JavaScript, Bootstrap, HTML, R

VOLUNTEER EXPERIENCE

- **Event Host | Providence Water Fire, Providence RI**

Summer 2018 & 2019

- **Bay cleaning | Save The Bay, Narragansett RI**

2018

- **Conference Translator | Coventry Public school, Coventry RI**

2017

ACHIEVEMENTS

- Earned 3rd Place in statewide Skill USA JAVA programing competition
- Presented to 20+ companies such as Google and Facebook in a 3-day Programing Hackathon

