

Hanxi Zhang

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Willing to relocate: Anywhere

Work Experience

HCI Research Assistant

Mad-Ability Lab (UW-Madison) - Unity, NH

November 2021 to Present

- Utilize Unity to build a VR exploration game for visually impaired people to navigate through a new environment.
- Apply Unity assets such as Fingers Lite to recognize touch gestures including tapping or swiping.
- Provide distinct audio and haptic feedback to inform users about environments and assist with object identification.

Information Guide

Campus Visitors and Relations (CAVR)

August 2021 to Present

- Providing information over the phone via the Campus Information and Directory Assistance lines.
- Responding to inquiries and promoting resources via online Ask Bucky email service.

Computer Science Tutor

Computer Science Learning Center (CSLC) - Madison, WI

February 2021 to May 2021

- Tutored students on subjects such as data visualization, model building, AVL tree, and hash table.
- Prepared related materials and resources to assist tutees for exam and quiz study.

Biological Research Assistant

Zhejiang Ocean University - Excel, AL

July 2018 to August 2018

- Responsible for nereis subspecies sample processing and data collection.
- Built data visualization about relationship between the size of nereis and regions they were collected.

Software Development Intern

iWan Information Technology ShangHai Ltd

June 2018 to July 2018

- Assisted in the iterative design of a booking application named iWan Golf with Android Studio.
- Enabled customers to make reservations for Golf courses and to enjoy relevant services.

Education

HCI Research Assistant

Ability Lab

November 2021 to Present

B.S. in Computer Science

University of Wisconsin-Madison - Madison, WI

September 2019 to Present

Biological Research Assistant

Zhejiang Ocean University

July 2018 to August 2018

Skills

- Java
- Python (Pandas, NumPy)
- JavaScript (Node.js, React, React Native)
- HTML
- CSS
- C/C++
- SQL
- R
- C#
Frameworks: Express
- TensorFlow
- PyTorch
- Flask
- Scikit-Learn
- Dialogflow
- Bootstrap
- JUnit
- JavaFX
Technologies: PyCharm
- IntelliJ IDEA
- Eclipse
- VS Code
- WebStorm
- Eclipse
- Jupyter Notebook
- Xcode
- Linux

- Android Studio
- Unity
- Adobe Photoshop
- Adobe Premiere
- MS Office
- Google Workspace
- Postman
- MongoDB
- Git
- MySQL
- XML
- User Interface (UI)
- APIs
- Computer Science
- GitHub
- REST