

Zixiao Wang

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OBJECTIVE

Seeking a challenging Software Engineering Internship opportunities utilizing my passion and extensive knowledge for software and web application development.

EDUCATION

Master of Science in Computer Science

Georgia Institute of Technology

Expected - January 2018

Atlanta, GA

Bachelor of Science in Computer Science

University of Minnesota, Twin Cities

May 2016

Minneapolis, MN

KNOWLEDGE AND SKILLS

- **Programming:** C/C++, Java, C#, .NET, JavaScript, Python, HTML, SQL, Shell Script, Processing, OpenGL, and WebGL, Android
- **Applications:** Adobe Photoshop, Github, Unity
- **Coursework:** Algorithm and Data Structure, Machine Architecture and Organization, Practice of Database Systems, Computer Networks, Operating Systems, Discrete Structures, Computational Linear Algebra, Computer Graphics, Probability and Statistics, and Combinatorics and Graph Theory

EMPLOYMENT

Web Developer

July 2015 – March 2016

Carlson School of Management, IT Department, University of Minnesota, Twin Cities

- Maintained and debugged the official website of School of Management
- Worked with users to gather requirements and process issues to improve the functionality of a new web application
- Developed an interactive, data-driven web application with other team members

PROJECTS

Multi-User Air Painting System

- Created a system in a team of two for multiple users to draw simultaneously in the air, a virtual environment and utilized Google Cardboard to observe the scene and users. A pen was outfitted with trackers to draw in the air for each user, and a server was used to manipulate data

Vibration and Sound Test Mobile Phone Applications

- Developed mobile phone applications that generates vibration or sound based on user input

Robot Simulation

- Conducted Braitenberg vehicle model robot simulations involving avoidance of moving obstacles and finding targets

Gesture Based Note extension

- Created a gesture interaction based note chrome extension with various original mouse interactions in a group of two

LEADERSHIP & ACTIVITIES

Team leader, Voluntary teaching team in Xichang, Sichuan, China

Editor, Study Abroad Student Organization, University of Electronic Science and Technology of China(UESTC)

Student Member, College Organization administrative department, UESTC, China