1999.10

McMaster University

Bachelor

**Birth**

**University**

**Degree**

Zhaobo Wang

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wangz393@mcmaster.ca

Front-End Software Engineering

**Name**

**Phone**

**Email**

**Job Intention**

**TECHNOLOGY STACK**

* Proficient in HTML, CSS, reasonable structure design and style writing.
* Proficient in JavaScript and its common features, proficient in React, familiar with Vue; Understand Webpack, computer network principle, etc.
* Familiar with Node JS, Java, MATLAB, SAS, Python, SQL, C programming languages.
* Familiar with Oracle, MySQL, and other mainstream databases, familiar with common data structures and algorithms.
* Application: Raspberry PI; Arduino; Microsoft Office; Adobe Acrobat Professional
* Software tools: AutoCAD, Pipe-Flo, Genome Compilers
* SAS Data Analysis Certificate
* GitHub: <https://github.com/Zhaobo-Wang>

**WORK EXPERIENCE**

**2021.05-2021.06** Harbin Institute of Technology (HIT) Front-End Intern

* Building a web and mobile project using HTML5, CSS3, and JavaScript to build a front-end software product.
* The React framework and Web services technology are used to promote team development efficiency and stability.

**2021.07-2021.09** Tongcheng-Elong Company Front-End Intern

* Led WeChat mini programs and projects to promote software online travel development.
* Costing the WEB promotes standardized UI and report page configuration in terms of efficiency
* Participates in front end component design

**ACADEMIC BACKGROUND**

**2018.09-2022.07** McMaster University, Hamilton ON

Electrical and Computer Engineering ECE (Bachelor)

* GPA：3.8/4.0 in last two year
* Major Course：JAVA, C, Database, Data Structure and algorithm, advanced circuit analysis, signal analysis, control system, hardware project and microprocessors
* Udemy Course: Html and CSS, Advanced CSS, Advanced JavaScript, React Web design, Web project, Advanced Vue, Node JS

PERSONAL RESUME

**SELF-EVALUTION**

* Love front-end development, have great enthusiasm for technology, and have strong learning ability, learning new skills and applying them in a short time.
* Led several innovation and entrepreneurship projects, owning project management and R&D experience; As the system planner in the project, I can grasp the development schedule and coordinate the teamwork
* Led the development of mini program, independently responsible for the front-end module of the project
* ·Strong communication and coordination skills

**PROJECT EXPERIENCE**

**2020.10-present** Member of McMaster Robotic Team Team Member

* Design and build a robotic project for computer vision.
* At the same time, I was responsible for computer vision algorithm and front-end page UI implementation, and used React Hook framework to build component
* Project Link: <https://github.com/macrobomaster>

**2021.09-present** Design and Build Personal Website - <PunchInCity> Personal Project

* Reference outside API web map and build three connected websites.
* Implementing function marked every city you have gone and labelled them by mood and style
  + - 1. Lidar system for data communication Personal Project
* The Microprocessor system's LiDAR is an embedded spatial measurement system for ToF measurement, which acquires indoor and outdoor object volumes through 3D visualization.
* The electric motor provides a 360-degree rotation, allowing the VL53L1X sensor to measure objects in a vertical geometric plane (Y-Z), communicating via UART and I^2C serial communication, using Python to transmit data.
* Project Link: <https://github.com/Zhaobo-Wang/2SI4/blob/main/2DX4_FinalProject_wangz393.zip>

**2020.02-2020.04** Detection of heavy metals in drinking water by biological circuit

* Collaborate with four other team members, they designed an in-situ device, which was delivered into plant cells in the form of prokaryotic vectors and placed in indoor plants. When the plants were watered, different fluorescence signals showed the presence and severity of water toxicity.
* Buy and design Our Primers, Promoters using Genetic compiler and iGEM, using Kinetics Concentration and Debug programs in MATLAB and JAVA.
* Use Java throughout development ensures iOS and Android compatibility.
* Project link: <https://github.com/Zhaobo-Wang/GUI-/tree/master/Projects>