Josiah(Jinyu) Wu

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Objective

Professional position in software engineering or web development starting in May 2020.
Special interests in full-stack and front-end development.

Education

University of Wisconsin-Madison

B.S. Computer Sciences, *Expected May 2020*

- GPA: 3.4/4.0
- Paid 80% of all college expenses through average 20hr/week jobs.

Edmonds Community College

Java Developer Certificate, *Dec 2017*

- GPA: 3.7/4.0

Personal Projects:

MadMap: Leaded 5 people to design and develop a web application by applying MongoDB, Express.js, jHin(grid-based CSS framework I developed), and Node.js. This website aims to help students of UW-Madison locate nearby microwaves and printers.

Website Cloner: Cloned many famous websites like YouTube, New York Time, TNW, Newsweek to demonstrate my front-end and web development skills.

Relevant Coursework:

Java programming, Data Structure and Algorithm, Operating System, Discrete Math,
Building User Interface, Machine Organization, Software Engineering

Engineering Experience

Morgridge Institute for Research, Madison, WI

Software Engineer Intern, *April – current 2019*

- Recovered over 40000 data records by implemented an automatic data repair software.
- Designed database version control workflow and developed version control tool.
- Effectively improved code reusability after refactored more than 3000 lines of code.
- Cooperated with team to migrate project codebase from PHP5 to PHP7.
- Developed a software that can calculate the correlation between body size and gene.
- Implemented a web crawler that can acquire mass data from NCBI.

Yomojoy, Xiamen, Fujian

Web Developer Intern, *June – August 2017*

- Built a web-based mobile application that can remotely operate electronic mosquito killer.
- Implemented responsive layout/view on top of HTML and CSS, using MUI Framework
- Connected app to Giwits IoT Cloud Service API to allow human device interaction.

Other Experience

Edmonds Community College, Seattle, WA

Programming Tutor, *September 2017 – May 2018*

- Student's most favorable tutor. Increased students sign up rate by 100%.

Computer Lab Assistant, *April 2017 – May 2018 (Except Summer)*

- Taught more than 300 people from different countries how to use school system.

Skills

Front End	HTML, CSS, JavaScript, SASS, React and Redux, NPM, Bootstrap
Back End	Java, PHP, Node.js, MySQL, MongoDB, Linux, VIM, Heroku
Teamwork	Git, Jira