Alexander Zhou

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EDUCATION / COURSE WORK

University of Washington **Anticipated Graduation: 06/2019**

Degree: Bachelor of Science in Informatics | GPA: 3.59

- **Related Coursework:** Computer Programming, Client-Side Web Development, Data Structures and Algorithms, Computer Networks and Distributed Applications, Computer Systems
- **Upcoming Coursework:** Server-Side Web Development, Algorithms and Computational Complexity, Introduction to Machine Learning

TECHNICAL SKILLS

- **Proficient**: Java; Go; HTML; CSS; Docker; Git; Microsoft Office;
- **Familiar:** C++; Node; MySQL; JavaScript; React;

WORK EXPERIENCE

Amazon Lab 126, Alexa **Santa Clara, CA** **06/2018 - 08/2018**

Software Development Engineer Intern

- Tested the viability of a media playback framework and integrated framework into an application
- Learned in C++ to implement a hardware abstraction layer that bridged message communications
- Became fluent with Protocol Buffers to implement inter-process message communications
- Used Google Test library to write unit tests to automate testing and ensure code ran correctly

SpringLight Education Institute **Cupertino, CA** **06/2016 – 09/2016**

Web Developer

- Collaborated with a graphic designer to redesign a website
- Used a Content Management System (WordPress) to develop an easily customizable website
- Hosted domain on DigitalOcean servers

PROJECTS

Final Project **09/2017 – 12/2017**

Client-Side Web Development

- Collaborated in a team to redesign a local Seattle restaurant's website to become mobile responsive and more user-friendly
- Organized and assigned tasks appropriate to the strengths of my team members
- Used HTML, CSS, JavaScript, and related libraries (Bootstrap, React) to create a restaurant website
- Created back-end database for user, admin accounts, and image storage with Firebase

Final Project **09/2018 – 12/2018**

Server-Side Web Development (Work-in-Progress)

- Creating a basic Slack web client
- Using HTML, CSS, and JavaScript to create a web client
- Using Go, Docker, AWS, Redis, etc. to create API Servers to send messages