

Austin Chan

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Education

University of Washington

Seattle, WA

B.S. in Computer Science and Mathematics minor, GPA: 3.68/4.00

Expected Graduation: December 2020

Relevant Coursework: Computer Security, Distributed Systems, Databases Internals, Databases, Operating Systems, Advanced Algorithms, Computer Networks, Data Structures and Algorithms, Programming Languages, Web Programming, Discrete Math, Probability, Java I, Java II, Hardware/Software Interface, Software Design and Implementation, Machine Learning, Systems Programming

Work Experience

Facebook

Menlo Park, CA

Software Engineering Intern

June 2020 – Sept 2020

- Implemented a new feature that allows users to share videos to their Facebook stories via a third-party app. Created a video player to allow users to preview their video prior to posting, a trimming tool for users to select the desired portion to be uploaded, and a mute functionality to disable volume. Feature increased count of number of stories posted per day. Tech Stack: Objective-C

Zillow Group

Irvine, CA

Software Engineering Intern

June 2019 – Sept 2019

- Worked on a full stack dashboard application that queried data from database and displayed correlation and trends for superintendents. Increased superintendents ability to catch errors in renovation and provided useful renovation insights for superintendents. Built both the backend service and frontend user interface for dashboard. Tech Stack: ReactJS, Java Spring Boot, PostgreSQL.

International Data Group (IDG)

San Francisco, CA

Software Engineering Intern

June 2018 – Sept 2018

- Revamped manual bug identification process by developing an automated testing framework using Selenium (Java) to increase efficiency of QA testing. Created end to end test plans for QA team; increasing overall bug detection by 225%. Managed QA tests for all 12 of IDG domains, internal Web Apps, and internal APIs. Tech Stack: Selenium

Other Experience

UW Paul G. Allen Computer Science and Engineering Department

Seattle, WA

Computer Science Teaching Assistance

Jan 2019 – Present

- Held weekly office hours where students came to me to seek out concepts that were hard to grasp. Taught weekly sections of 30+ students on topics such as theoretical computer science, systems programming, and beginning computer science constructs. Graded students' work depending on the courses taught which included correcting proofs, enhancing various code snippets on good style, and testing their program for correctness. Courses Taught: Discrete Math (CSE 311, 3 quarters), Systems Programming (CSE 333, 1 quarter), Intro to Java I (CSE142, 1 quarter)

UbiComb Lab

Seattle, WA

Research Assistant

March 2020 – June 2020

- Developed an web application to track posture in the wild for early detection in health issues related to bad posture. Utilized computer vision and machine learning techniques in application to collect data on various postures within users work environments.

Skills

Computer Skills:

- Advanced:** Java, Selenium Automation, Java Spring, \LaTeX , Git, Docker
- Familiar with:** C, C++, Python, PHP, MySQL, PostgreSQL, ReactJS with Redux, Objective-C
- Languages:** English (Fluent), Cantonese (Fluent), Mandarin (Professional)