

# Austin Chan

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## Education

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### University of Washington

Seattle, WA

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

Expected Graduation: June 2020

*Relevant Coursework:* Data Structures and Algorithms, Programming Languages, Web Programming, Foundations of Computing I (Discrete Math I), Foundations of Computing II (Discrete Math II), Java I, Java II, Hardware/Software Interface, Software Design and Implementation, Machine Learning, Systems Programming, Advanced Multivariable Calculus

## Skills

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### Computer Skills:

- *Advanced:* Java, Selenium Automation, Java Spring, L<sup>A</sup>T<sub>E</sub>X, Git, Docker
- *Familiar with:* C, C++, Python, PHP, MySQL, PostgreSQL, ReactJS with Redux

### Languages: English (Fluent), Cantonese (Fluent), Mandarin (Professional)

## Work Experience

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### Zillow Group

Irvine, CA

Software Engineering Intern

June 2019 – Sept 2019

- o Worked on a full stack dashboard application that queried data from database and displayed correlation and trends 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

- o 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.

## Other Experience

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### UW Paul G. Allen Computer Science and Engineering

Seattle, WA

CSE 311 Foundations of Computing I Teaching Assistance

March 2019 – Present

- o Held weekly office hours where students came to me to seek out concepts that were hard to grasp. Taught weekly sections on topics such as induction, set theory, finite state machines, and other theoretical concepts like the Halting problem. Graded over 200 papers which included going over several proofs on number theory and other such topics.

### UW Paul G. Allen Computer Science and Engineering Department

Seattle, WA

CSE 142 Intro to Java Teaching Assistance

Jan 2019 – March 2019

- o Taught weekly classes of 25 students on beginning computer science concepts like arrays, object-orient programming, file input/output, data types, loops, etc. Troubleshoot and debugged over 100 students' issues regarding syntax, logic, and implementation, guiding students step-by-step to enhance understanding. Graded over 25 students' code per week on the fundamental concepts of this course.

## Extracurricular

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### UW Men's Volleyball Club

Seattle, WA

Public Relations Chair, Team Captain

Sept 2016 – Present

- o Organize fundraisers, such as USEED (a club fundraiser focused on benefiting student organizations), raising over \$10,000