

James Qiu

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EDUCATION

University of Washington, Seattle - GPA: 3.93

Seattle, WA

BS in Computer Science - Graduation: Spring 2022

Jun 2022

- Coursework: Data Structures, Distributed Systems, Networks, Operating Systems, Algorithms, AI/ML
- Anu and Naveen Jain Endowed Scholarship Recipient (2018 - 2021)

EXPERIENCES

Software Engineering Intern - Facebook

Seattle, WA

Software Engineering Intern on the VS Code Core team at Facebook

Sep 2021 - Dec 2021

- Implemented a merge conflict resolution tool within VS Code to improve developer productivity

Software Engineering Intern - Optiver

Chicago, IL

Software Engineering Intern on the Delta One (D1) Automated Trading System Team

Jun 2021 - Aug 2021

- Redesigned and implemented a job scheduling system responsible for training all Delta One pricing models
- Developed a job streaming API, enabling asynchronous job scheduling reducing wasted compute time
- Created a persistent storage based error log to track compute cluster outages providing resource visibility

Software Development Engineering Intern - Amazon

Seattle, WA

SDE Intern on the AWS Hardware Engineering Manufacturing Test Automation Team

Jun 2020 - Sep 2020

- Migrated legacy manufacturing test framework to workflow based framework, reducing test deployment time and enabling test code reuse between 3 teams within the AWS Hardware Engineering Org
- Reduced overall testing time at ODMs by 44% by parallelizing burn-in manufacturing testing sequence

Software Engineer - Dotmote Labs

Seattle, WA

Primary Python Developer for SWEEP, a workflow management system (<https://sweep.run/>)

Sep 2019 - Jun 2021

- Launched SWEEP web application and headed frontend development using Django and Javascript
- Designed and developed graphical user interfaces to visualize, define, and run workflows in the cloud

PROJECTS

Evaluate - Dubhacks 2021 (<https://devpost.com/software/worth>)

Seattle, WA

Built a job comparison web app that increases pay transparency using Flask and React

Oct 2021

- Campus Track Top 3 Finalist / Dubhacks Next Most Commercially Viable Project Winner

Sidekick - Hack The North 2020++ (<https://devpost.com/software/cookingbuddy>)

Seattle, WA

Developed a hands-free voice command driven cooking mobile app utilizing the wit.ai NLP API

Jan 2021

- Facebook API 3rd Place Winner

SKILLS

- **Proficient:** Python, Java, Javascript, C++, C, Git, Web Development
- **Languages:** English (native), Mandarin (fluent)