

Shawn Cho

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Education

BS Computer Science, Math Minor, University of Washington, GPA: 3.58

Expected Graduation: June 2023

Notable Classes: • Data Structures and Algorithms • Web Development • Systems Programming
• Human Interactions Programming • Introduction to Data Management • Statistics for Computer Science • Programming Languages • Computer Networks • Autonomous Robotics

Experience

Amazon

June 2022 - Sep 2022, Seattle, WA

Incoming Software Development Engineer Intern

- Incoming SDE Intern in the summer of 2022 in Amazon Greater Seattle Area.

Molloy Moreno Inc

June 2021 - Aug 2021, Seattle, WA

Software Engineer Intern

- Created an application that assists learning for regular and special ed classrooms To be used by over 20k students district wide in the coming years.
- Worked in full stack using the agile software development process and technologies such as **AWS (AppSync, Amplify), React, DynamoDb, and NodeJS** with an emphasis on strong structure and scalability.
- Helped a school of 2000 students in the New York School District learn content faster.

University of Washington Allen School

March 2021- PRESENT, Seattle, WA

Undergraduate TA in Web Programming

- Teaching a class of 20+ University students twice a week in various Web Programming topics including git, **HTML/CSS, Javascript, API's, Node, SQL, Regex**, and more.
- Host 1:1 meetings with students and staff to augment class material and create learning plans where I help debug student programs and review class content.

Kumon Education

June 2019 - August 2021, Seattle, WA

Data and Software Engineer

- Developed a web app with **MySQL** for instructor notes.
- Decreased the time for the note taking and searching process by a fourth.
- Used Javascript to automatically assign students to instructors and email the staff by comparing schedules of students and instructors to generate a schedule that decreases the total number of scheduling conflicts.

UW Sensors Energy and Automation Laboratory

June 2020 - Feb 2021, Seattle, WA

Software Engineer Intern

- Used **Javascript** and **Google Sheets API** to automate and gamify the organization process of the lab by calculating the work done each week and assigning point values to each research team, expediting the weekly review sessions by half..
- Used Javascript and Slack API to automatically message inactive members, increasing member participation in the lab.

Projects

Two-Player Chess App - Used **socket programming in C++** to create a chess game that can be played across two computers in a network.

Hackademy (Hackathon 2021 Microsoft Cloud Hackathon Challenger Winner) - Created a full stack web application using **Azure, Python, Javascript, and HTML/CSS** that uses motion detection to give instantaneous feedback on hands-on lessons in topics such as yoga.

Teamster (Hackathon 2020) - Created a website that uses **Google Natural Language Processing API** to analyze user's inputs and create groups of similar people for more productive group activities or Zoom breakout rooms. Full Stack development of the website.

Skills

React • Node with Express • C++ • Python • Java • Javascript • SQL • AWS (Amplify, GraphQL, Cognito) • C • Android • IOS Development • NoSQL