

Aidan Chen

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EDUCATION

University of Washington, GPA: 3.97

Seattle, WA

B.S. Computer Science

Sept 2020 – June 2024

Coursework: Data Structures and Parallelism, Algorithms, Software Design and Implementation, Hardware/Software interface, Discrete Math, Introduction to Database Systems, Linear Algebra

EXPERIENCE

Incoming Software Engineer Intern

June 2022 – Sept 2022

Coupan

Seattle, WA

- Will be part of a 12 week internship in the Search and Discovery team

Tutor

June 2018 – Sept 2020

Hand in Hand We Code

Sammamish, WA

- Teach groups of 30+ kids coding in Java and Scratch
- Plan lessons with others and promote to the Sammamish community in collaboration with the YMCA board

Java Programmer

May 2017 – June 2018

First Tech Challenge

Sammamish, WA

- Designed and programmed a robot to complete tasks in competitions
- Developed code for controlled and autonomous driving using the FTC Software Development Kit


PROJECTS

Personal Website | *React, JavaScript, Bootstrap*

aidanch1.github.io 



- Developed a personal website using React and React-Router which features a portfolio, about, and blog
- Created 15 different React components for maximum re-usability and organization

Sudoku Master | *JavaScript, Java, HTML, CSS*

Github 

- Developed a web app which solves and generates sudoku puzzles on 9x9, 16x16, and 25x25 boards
- Created the frontend of 3 pages using HTML and CSS, working closely with the backend API developers

Multiplayer Games | *Node.js, Express.js, Socket.IO, JavaScript, HTML/CSS*

Rubik's Race , Tank Game 

- Developed Rubik's Race Online, an online version of the popular sliding puzzle game
- Developed a tank game with a leaderboard and points system
- Used express server and handled server-client communication with Socket.IO
- Incorporated feedback after playing with family and friends

Advisor Assistant | *C#, React, Microsoft Bot Framework, Azure*


Devpost 

- Developed a chatbot which answers frequently asked questions (FAQs) to UW advisors
- Used Direct Line API to send and receive messages with React as the frontend
- Imported 290 QnA pairs into the knowledge base and set up continuous deployment on Azure

Other Projects: Developed a **discord bot** which returns item prices in an MMO from Hypixel's API

Github 

Automated registering for UW classes with a **Selenium** script so I don't need to wake up at 6am

Github 

Other Involvements: Chess club member with peak USCF rating 1870, USA Computing Olympiad Gold Division, LeetCode rating 1913, Violinist and Volunteer for Bellevue Youth Symphony Orchestra for 3 years

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C, HTML/CSS, SQL

Frameworks and Libraries: React, Node.js, Selenium, Spring Boot, NumPy, JUnit

Developer Tools: Git, Linux, IntelliJ, VS Code, Maven, SQLite3