

EDUCATION

University of Washington, Seattle, WA

September 2019-December 2022

B.A. Computer Science, 3.86/4.0 GPA, Dean's List All Quarters

- Relevant coursework: Distributed Systems, Operating Systems, Data Structures and Parallel Programming, Software Design and Implementation, Systems Programming, Database Architecture

EXPERIENCE

Software Engineering Intern, Google, Mountain View, CA

June 2022-September 2022

- Developed an internal web app for visualizing YouTube Ads Ad Service Request/Response path; now in use by over 200 engineers
- Reduced average request/response path investigation times by ~80%
- Facilitated cross-team communication to create a 20-page design doc highlighting design and tech decisions

Software Engineering Intern, Capital One, Seattle, WA

June 2021-August 2021

- Designed and developed an internal tool for credit card correspondence management using React; allowed associates to select from and modify over 40 correspondence letter templates
- Created backend REST API using Go to manage letter template requests; deployed in an AWS Lambda
- Leveraged PostgreSQL database on Amazon RDS and AWS SQS to store and communicate letter template requests

Participant, Google Software Project Sprint Program, Seattle, WA

February 2021-May 2021

- Led development of COVID vaccine rewards app built with React
- Deployed MVP that allowed users to add vaccine-verification badges to their social media profile pictures
- Utilized Facebook and Instagram APIs for social sharing

Software Developer, UW Sensors, Energy and Automation Lab (SEAL), Seattle, WA

April 2020-March 2021

- Developed and deployed React Microsoft Word Add-In application to assist researchers with the research paper writing process
- Developed accompanying React web application with a Java Spring Boot REST API service
- Led early business development efforts which included early customer acquisition, focus group interviews with over 10 UW professors, and the creation of a product demo video

Co-Founder, WA Voting Project, Wenatchee, WA

July 2020-December 2020

- Created organization to provide WA state voters with information about candidates in local elections
- Developed and deployed website created with Gatsby.js; hosted site on Netlify
- Employed Google Place API to handle address and legislative district lookup
- Helped organize and coordinate interviews of 20+ local election candidates

CLUBS/ACTIVITIES

VP, Professional Development, UW Lavin Entrepreneurship Program, Seattle, WA

July 2020-September 2021

- Served on the executive team of UW-backed entrepreneurship program that has over 80 students
- Spearheaded the creation of a comprehensive internship and career program; provided 10+ internship roles
- Partnered with 5+ startups and venture capital firms based out of Seattle to field roles

Software Team Manager, UW Husky Robotics, Seattle, WA

October 2019-July 2020

- Increased robot pathfinding speed by 30% by implementing a modified BFS algorithm in C++
- Coordinated communication between 4 subteams comprising over 20 people

PERSONAL PROJECTS

iOS Apps: Created and published two Swift apps to iOS store garnering 1k+ downloads (*Heyyy* and *Night Owl*)

JailbreakChat: Created site with the largest set of ChatGPT jailbreak prompts; 50k+ visitors in <1 week

GPTAuthorChat: Web app that utilizes GPT-3 to create text-based representations of prominent authors