

Harmony Shirk

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Bellevue, WA

EDUCATION

University of Washington September 2020 – June 2024
B.S. in Computer Science, Paul G. Allen Center for Computer Science and Engineering
Related Courses: Foundations of Computing, Software Design and Implementation, Hardware and Software Interfaces, Data Structures & Parallelisms, Web Programming, Software Tools
Involvement: Chi Sigma Alpha, Association of Computer Machinery, Chinese Student Association

EXPERIENCE

Mastercard Mentorship Program October 2021 – Present
Mastercard | Remote

- Working with Mastercard mentors to engineer college and job career short-term and long-term goals.
- Participating in two monthly meetings to discuss strong interview techniques, incorporate feedback to build a stronger resume and cover letter, and guide through strategies to succeed in future internships.

Shift Lead March 2020 – August 2021
DIY Tea Lab | Newcastle, WA

- Managed the cash register, restocked shelves, prepared food and drinks, organized the workspace, assisted customers with drink recommendations, questions, and concerns at a local boba shop.
- Collaborated with different teams to provide feedback and helped develop unique food and drink items.

SELECTED PROGRAMMING EXPERIENCE

Campus Maps | University of Washington, Seattle, WA October 2021 – Present

- Orchestrating an application that builds a navigator for directions to travel between two UW campus buildings.
- Implemented a graph abstract data type using Java, Node.js, TypeScript React interface, and Dijkstra's algorithm.

CSE Start-Up Program | University of Washington, Seattle, WA August 2020 – June 2021

- This program was designed to prepare incoming CSE freshmen students, who are new to coding, to obtain a head start in coding experience, college class pacing, and guide students to build efficient work/study habits.
- Produced a mobile app, *The Boba Quiz*, in a short period of time to gain implementation and design skills.
- Simulated the mobile app design process using Figma and modeled a finished app using App Lab from Code.org.

Summer @ Brown | Brown University, Providence, RI July 2019

- Enrolled in a two-week summer program that allowed students to live on campus and take college level courses.
- Engineered a program with R analyzing pollution in multiple countries and curated solutions to common issues.

VOLUNTEERING EXPERIENCE

Boy's Swim Team Manager | Newport High School, Bellevue WA September 2020 – December 2020

- Provided optimal assistance to head coaches as a manager of a 100+ boy's swim team at a local high school.
- Charted attendance and assisted coaches by gathering split race times for individual races and relays.
- Aligned with team captains to plan team bonding events, modify team merchandise, head the team's social media, document workout sets, and capture photos and videos for the end of the year banquet.

ESL Tutor | Somerset Elementary School, Bellevue, WA November 2017 – January 2019

- Tutored students, where English was not their native language, to improve their math, reading, and writing skills.
- Coordinated with teachers to convey information to fellow tutors about upcoming meetings and scheduling.

ADDITIONAL INFORMATION

Programming Languages: Java, JavaScript, HTML/CSS, Git, C, TypeScript, React, R