

Sara Wu

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EXPERIENCE

ROSS | RETAIL ASSOCIATE

July 2021 – Sept 2021 | Concord, CA

- Assisted customers by providing information and guidance, as well as processing transactions and returns quickly and efficiently.
- Maintained cleanliness and order within the store through inspections, and reorganization. Observed and reported potentially suspicious behavior and indicators of theft.
- Developed social skills to adequately navigate service conversations, as well as a deeper understanding of retail services and duties.

ARUW | SOFTWARE TEAM MEMBER

Advanced Robotics at the University of Washington

October 2021 – Present

- Assisted in a multi-department (mechanical, software, and hardware) engineering team to create five robots for the RoboMaster competition.
- Developed robot control code using command-based programming in C++, focusing on movement speed and debugging.

PROJECTS

INTER ALIA: VISUAL NOVEL GAME

GAME DEVELOPER

Jan 2021 – May 2021

- Worked as lead developer in a group of three to develop a visual novel video game. Implemented various narrative and visual requests from the narrative and artistic leads.
- Learned RenPy's documentation and utilized Python concepts for gameplay features, such as control flow, code efficiency, and interactive media.

MONKEBOT

PERSONAL DISCORD BOT

July 2021

- Created a JavaScript Discord bot that interacts with users by replying with text or gifs, sending randomized images through a command, and parrots a user's message.
- Utilizes Replit and UptimeRobot to stay online for free without the need for a hosting platform.

ACTIVITIES

GIRLS WHO CODE

SUMMER IMMERSION PROGRAM AT AUTODESK SF

June - July 2019

- Learned coding basics through Scratch, Python, HTML, JavaScript, CSS, and Arduino.
- Discussed aspects of the tech industry, as well as how women in STEM navigate and affect a gender-homogeneous space and culture.
- Created a game in a team of four other girls that aligned the player with a 2020 presidential candidate who best represented their values.

EDUCATION

UNIVERSITY OF WASHINGTON

B.S. IN COMPUTER SCIENCE

Expected June 2025 | Seattle, WA

NORTHGATE HIGHSCHOOL

Grad. May 2021 | Walnut Creek, CA

GPA: 3.97 / 4.0

SKILLS

PROGRAMMING

Proficient:

- Java, Python

Familiar:

- HTML, CSS, JavaScript, C++

TECHNOLOGY

Git/Github

LANGUAGES

Mandarin, heritage speaker

Spanish, intermediate level

COURSEWORK

ADVANCED PLACEMENT

Computer Science A

Calculus BC

Chemistry

UNDERGRADUATE

2021-2022 Planned:

Calculus III

Linear Algebra

Introduction to Java II

Foundations of Computing I

Data Structure and Parallelism

Software Design and Implementation

AWARDS

2019-2021 AP Scholar

Seal of Biliteracy

LINKS

Github:// [sazwu](#)

Website:// [sazwu.github.io](#)