

Yubin Li

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EDUCATION

University of Washington

Seattle, WA

BS in Computer Science; Dean's List (All Quarters)

Sep. 2024 – Present

- Relevant Coursework: Data Structures & Algorithms, Artificial Intelligence, Computer Vision, System Design, Machine Learning, Computer Security

Shoreline Community College

Shoreline, WA

AA in Computer Science; Honors College Student; GPA: 3.93/4.00

Sep. 2022 – Jun. 2024

RESEARCH EXPERIENCE

Artificial Intelligence Honors Research

Sep. 2023 - June 2024

Shoreline Community College

Shoreline, WA

- Explored the implications and mitigation strategies of inherent biases in an AI system.
- Collaborated with a mentor to refine research methodologies, enhance analytical approaches, and review progress on identifying and addressing bias in AI systems.
- Documented research progress and findings in a comprehensive 20-page report and presented key insights at the University of Washington and Shoreline Community College.

PROJECT

Sorting Visualizer

May 2025 – Present

Personal Project

- Developing an interactive visualization tool to help students intuitively understand the step-by-step mechanics of sorting algorithms.
- Using **React** to render and animate array states in real time as the algorithm runs.
- Built a control panel for selecting different algorithms, setting array size, and adjusting animation speed to create a customizable learning experience.

Website Development

Sep. 2023 – Nov. 2023

CodePath Capstone

Remote

- Built a fully responsive web application from scratch using **HTML**, **CSS**, **JavaScript**, and **React**.
- Designed an intuitive user interface with **React** and implemented user authentication to ensure a secure and personalized user experience.
- Worked in a collaborative team setting, employed **GitHub** for version control, and managed the project using **agile methodologies**, delivering features on time during bi-weekly sprints.

EXTRACURRICULAR EXPERIENCE

Computer Science Club

May 2023 – June 2024

Shoreline Community College

Vice-President

- Organized and led weekly coding workshops and technical talks, coordinating hackathon teams and driving member engagement.
- Worked with peers and faculty on small team projects using **Python** and **Java**.
- Introduced **Slack** as a way to coordinate tasks and improve communication among club members.
- Supported students in learning algorithm fundamentals and improving problem-solving through group discussions and peer tutoring.

TECHNICAL SKILLS

Programming Languages: Java, Python, C, HTML/CSS, JavaScript/Typescript

Frameworks: React, Node.js

Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ Eclipse