

Ricky Liao

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EDUCATION

University of Washington

B.S. in Computer Science - 3.62

Seattle, WA

Sep. 2020 – June 2024

EXPERIENCE

Software Engineer Intern

June 2022 – Present

Slalom

Seattle, WA

- Assisted client by migrating from a monolithic architecture towards microservices, reducing dependencies and increasing engineer productivity with organized structure.
- Created over ten reusable React modal component with function APIs to store and retrieve user data.
- Write and deploy component tests to ensure proper abstract functionality.
- Front end/UI work created with technologies such as React, Next.js, TypeScript, Jest, and Storybook UI

Software Developer

Mar. 2022 – Present

Cledge

Seattle, WA

- Part of Microsoft for Startups, building an MVP web platform for accessible college counseling.
- Implemented blog post tool that allows for front-end display of various web articles and back-end functionality for creating new posts.
- Work with languages and technologies such as React, Next.js, TypeScript, and Azure Cosmos DB.

Software Developer

Oct. 2021 – Mar. 2022

University of Washington Blockchain Society

Seattle, WA

- Migrated UW Blockchain Society website towards a component based front-end utilizing React, TailwindCSS, SASS in order to support scalable content.
- Developed skills necessary in Blockchain development through the society's course curriculum in order to achieve professionalism for consulting services.
- Collaborated with other officers to develop and launch project ideas that are Blockchain related utilizing Solidity, Truffle, Ganache technologies.

PROJECTS

Full-Stack Campus Map Pathfinder | *Java, React, Java Spark*

- Developed an application that finds the shortest path between two landmarks across the university campus.
- Utilizes Dijkstra's algorithm and creation of a graph data structure in order to construct directed edges.
- Implemented using Java Spark back-end and styled front-end with React.

De-Fi Wallet Web Application | *Solidity, Truffle, Ganache, HTML/CSS/JS*

- Developed a mock decentralized finance wallet that is capable of holding cryptocurrency.
- Serves as a potential platform for lending and interest-bearing accounts through holding ERC20 Token.
- Builds using Truffle, Ganache, and written in Solidity.

iOS Cryptocurrency Price Tracker | *Swift*

- Developed an iOS application using Swift that displays various cryptocurrencies and their respective prices.
- Receives API data from coinapi.io and displays through a list format.
- Caches cryptocurrency icons to provide consistent UI experience and smooth performance while scrolling.

TECHNICAL SKILLS

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

Frameworks: React, TailwindCSS, Node.js, JUnit

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

Relevant Coursework: Hardware/Software Interface, System and Software Tools, Software Design and Implementation, Foundations of Computing, Data Structures and Parallelism