

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 Developer

Oct. 2021 – Present

University of Washington Blockchain Society

Seattle, WA

- Migrated UW Blockchain Society website towards a component based front-end utilizing React, TailwindCSS, SASS
- 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

Specialist

Oct. 2021 – Dec. 2021

Apple

Seattle, WA

- Provided solutions to customers by inquiring their needs and providing products that enhance their experience
- Assessed and troubleshoot common bugs in Apple products, delegating them to the correct fix or solution
- Familiarized with features and functionalities between various devices and products

Member Service Representative Intern

June 2018 – Sep. 2019

IQ Credit Union

Vancouver, WA

- Processed daily client transactions, including deposits, withdrawals, money transfers, loan payments, and selling cashier's checks
- Accurately maintained records of transactions and ensured all documentation was within compliance
- Assisted clients with various questions and concerns related to their accounts and bank products
- Learn to utilize Symitar and other various software in order to conduct financial transactions

PROJECTS

Campus Map Pathfinder | *Java, React*

- 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 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

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, 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