

Victor Wu

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Experience

Software Engineer

Versa Networks, San Jose, California, United States - Internship: May 2022 - August 2022

Skills: Javascript, React, PHP, HTML, CSS, Bootstrap 5, WordPress

- Developed User-Interface Elements used across 300 pages on the Versa Site
- Refined front-end elements using Bootstrap 5 to enhance mobile experience and improved efficiency (SEO) optimization by 30% for pages on the Versa Site
- Converted to part time position after completion of internship (September 2022 - Present)

Education

Bachelor's of Computer Science (Co-op) - University of Waterloo: 2021 - present

- Recipient of President's scholarship of Distinction
- Member of the Computer Science Club and President of the Debate Team

Projects:

Finance Algorithmic Trader

Skills: Python, Numpy, Pandas, xlswriter

- Created three **algorithmic trading strategies (equal weight, quantitative momentum, quantitative value)** for stocks listed on the S&P 500 using data from the **IEX Cloud API**
- Used **Python** and the **Pandas, Numpy** and **xlswriter** libraries to produce the top 50 stocks and the number of shares to buy from the data in an excel file

Personal Website

Skills: Javascript, HTML, CSS, React

- Created a personal portfolio website using REACT, javascript, and css

Pathfinding Visualizer

Skills: Javascript, React

- Utilizes various pathfinding algorithms such as **Dijkstra's Algorithm** to find the shortest path in a **interactive grid**
- User is able to place walls to create custom maps for the pathfinding visualizer to operate in
- Pathfinding algorithm is animated using **Javascript** and **React**

Skills:

C++, C, Javascript, Typescript, HTML, CSS, PHP, Python, React, Bootstrap 5, WordPress, Numpy, Pandas, xlswriter