

Ricky Hanxian Yang

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SKILLS

Programming Languages: Javascript, Typescript, C++, Python, Java, C, HTML, CSS

Programming Tools: MySQL, PostgreSQL, Azure, Node.js, Next.js, Google Cloud APIs, React, Git, JUnit 5, CSS

PROFESSIONAL EXPERIENCE

Front End Developer, Freelance [LINK] 🔗 2024/01 – present

- Developing a responsive website for a restaurant to display key information and showcase the business.
- Utilized React, Typescript, Tailwind CSS, HTML, Next.js, Git, and Vercel to create a scalable, maintainable, and modern website.
- Integrated Google Maps API to actively display the restaurant location.
- Integrated Instagram Basic Display API to display recent posts.
- Underwent multiple design iterations with the client, using tools such as Figma.

Systems Analyst Co-op, Microserve 2023/04 – 2023/12

- Improved the implementation of devices into a cloud-based system (Windows Autopilot) for an international company. Decreasing failure rate by 90%.
- Actively used Microsoft Azure and Microsoft Admin Center to manage programs, devices, users, etc.
- Used Powershell Scripting to create a script to create users/accounts.
- Troubleshooted and assisted clients with basic Tier 1/2 IT issues.

PROJECTS

Vision Assistant Application [LINK],

(Typescript, Javascript, Next.js, Google Firecloud, React, Google Cloud APIs, Git) 🔗

- Engineered a website application, that utilizes AI to assist the visually impaired, in a team of 5.
- Utilized Next.js as a framework for the website application.
- Integrated Google Vertex API and Document Reader API to identify objects and analyze documents using AI.
- Integrated Google Text-to-Speech API to verbally communicate answers/documents in multiple languages.

Budgeting Application [LINK], (Javascript, HTML, CSS, React, React Router DOM, Node.js, Git) 🔗

- Created a budgeting app using HTML, CSS, Javascript, React, and Node.js.
- Integrated React Router DOM to dynamically transfer and display data without a page refresh.
- Integrated Github as a version control.
- Displayed and saved information with a user-based system stored in local storage.

Stock Bot, (Python, MySQL, Discord Bot API, Yahoo Finance API)

- Developed an automated messaging algorithm in Python that notifies users of a change in stock price.
- Utilized MySQL to store stock information.
- Integrated Discord Bot API and Yahoo Finance API to obtain stock information and notify users.
- Utilized threading to continuously monitor stocks.

EDUCATION

BSc. Computing Science, Simon Fraser University

2020 – present