Anson Liang

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Technical Skills

Languages: Python, JavaScript, Java, SQL, C, HTML, CSS, R
Tools/Frameworks: React.js, Node.js, MySQL, SQLite, Tailwind CSS, Django, Bootstrap, Git, Bash

Experience

QA Analyst/ Data Operations | The Nationwide Group   May 2023 – Aug 2023
- Built test instances using **MySQL** for UI features reaching **50k** monthly users growing site activity by **18%**
- Organized and reduced redundant information by **30%** in the company's backend database using **Excel**
- Designed UI/UX for the company's appraiser PDF forms to create a more consistent platform experience

Web Developer | University Health Network   May 2022 – Aug 2022
- Implemented webpages and usability features using **HTML**, **CSS**, and **JavaScript** for the company's research website to create a revamped intranet for researchers to access their materials faster by **20%**
- Led migration project to improve backend scalability by incorporating one-to-many relationships
- Migrated the backend to **dotCMS** using Velocity scripting and REST API to and limit code redundancy

Web Developer | Quartz Market   Nov 2020 – May 2021
- Created a website to organize ticket sales, promote workshops, and connect **12** small businesses with over **3.5k** potential customers, raising awareness about their company using **HTML**, **CSS**, and **JavaScript**
- Prototyped the company's website to facilitate design decisions and functionality between departments
- Awarded **Company of the Year** among **40** unique start-ups at the Junior Achievement Company awards

Web Designer | Juno JA   Oct 2019 – May 2020
- Designed and developed the company's website using **HTML** and **CSS**, garnering over **1k+** visitors
- Nominated for the **IT Leadership award** for taking initiative and collaborating with other company teams

Projects

Learning Log
- Assembled a user-authenticated web app that allows users to log their progress on topics using **Django**
- Developed a responsive website with a personalized and user-friendly interface by utilizing **Bootstrap**

Business Management Website
- Engineered a responsive business application using **ReactJS** and **NodeJS** to display business statistics, payment products, and genuine testimonies for customers to learn more about the company/ product
- Constructed and styled an accessible and user convenient interface using **Tailwind CSS** and **Bootstrap**

Restaurant Manager
- Produced a user-validated restaurant ordering application that enables customers to view their previous transactions, search for restaurants, and print order receipts using **Java** and a **graphical user interface**
- Implemented a log of user's order history and restaurant favourites specific to each client in a database

Snake Game
- Re-created the classic snake game using **Java** and **object-oriented programming** principles, as well as adding a multiplayer game mode, various difficulties, sound effects, and a **graphical user interface**
- Collaborated with team members to iterate on design features, review functionality, and designate tasks

Education

University of Waterloo   Sept 2021 – Apr 2026 (Expected)
Candidate for Bachelor of Statistics, Minor in Computing