Benjamin Wang

benjaminwang42@gmail.com | linkedin.com/in/benjaminwang42 | github.com/benjaminwang42 | benjaminwang42.github.io

EDUCATION

Waterloo University — Waterloo, ON
Candidate for Bachelor of Computer Science, CGPA: 91.3% — *Sep. 2023 – Present*

TECHNICAL SKILLS

Languages: Python, C, JavaScript, Typescript, PHP, SQL, HTML/CSS
Frameworks and Databases: React.js, Node.js, Vue.js, MySQL, Nuxt.js
Familiar Technologies: Git, Jira, Linux, Wrike, Firebase
Certifications: AWS Certified Cloud Practitioner

EXPERIENCE

Software Engineer Intern — Apr. 2024 - Aug. 2024
BizZone inc. — *Gormley, ON*

- Developed responsive and dynamic web apps using Vue, Nuxt, Javascript, Typescript, and PHP that make RESTful API calls to fetch data from a MySQL database
- Implemented routing in Typescript that enabled API calls to PHP action files which queried a database using SQL, resulting in 36% faster response times
- Developed a public directory that used AI (OpenAI API) for semantic search to then filter results from a MySQL database based on arguments such as location, name, and distance: Directory
- Applied Agile methodologies, utilizing Scrum practices and Jira for task management and project tracking
- Collaborated with clients through knowledge-sharing sessions and feedback meetings, ensuring product alignment with client needs

Frontend Developer Intern — Jul. 2023 – Aug. 2023
PrimaCare Community Family Health Team — *Ayr, ON*

- Developed a user-friendly and responsive patient website using React that is maintained to ensure up-to-date information for all patients
- Test deployed on Firebase to check for website responsivity and bugs

PROJECTS

StockScope | *React, Node, Javascript* — August. 2024 – Present

- Created a stock tracking web app using React, Node, Javascript that enables the user to log, track, and filter their stock progress Using RESTful API calls to fetch live data
- Currently implementing data logging to a MySQL database

Time Tracker | *Vue, Nuxt, Vuetify* — Apr. 2024 – Aug. 2024

- Built a time tracking web app using Nuxt and Vue's Options API that enables users to log daily activities
- Implemented an automatically updating calendar that provides different time tracking for each and editable time fields using Javascript
- Applied Sheet Monkey to record all activities, their description, start time, and end time to a spreadsheet

Memory Melody | *React, Node, Javascript, Auth0* — Jan. 2024 – Jan. 2024

- Developed a music recommendation web app with React, Node, and Spotify API to create personalized playlists based on users' music tastes and listening history
- Enabled semantic filtering with OpenAI API and Spotify data extraction with Auth0 to create a personalized user experience

Optimal Shopper | *JSX, React, Node, Figma* — Jun. 2023 – Aug. 2023

- Created a collaborative grocery product search web application with four others that helps users optimize their shopping decisions through filters such as distance and price
- Developed front-end of the full-stack web application using React for greater user experience and code-reusability
- Designed beforehand using Figma to conceptualize and plan the layout, color schemes, and interactive elements