

Benjamin Wang

benjaminwang42@gmail.com | [linkedin.com/in/benjaminwang42](https://www.linkedin.com/in/benjaminwang42) | github.com/benjaminwang42 | benjaminwang42.github.io

EDUCATION

Waterloo University

Candidate for Bachelor of Computer Science, CGPA: 90.9%

Waterloo, ON

Sep. 2023 – Present

TECHNICAL SKILLS

Languages: Python, JavaScript, Typescript, PHP, SQL, HTML/CSS

Frameworks and Databases: React.js, Node.js, Vue.js, MySQL, Couchbase, Nuxt.js

Familiar Technologies: TensorFlow, Git, Jira, Linux, Wrike, Firebase

Certifications: AWS Certified Cloud Practitioner

EXPERIENCE

Full Stack Developer Intern

Jan. 2025 - Present

BizZone inc.

Gormley, ON

- Developed a file directory in Vue using both Composition API and Options API, querying data from a Couchbase NoSQL database using SQL++, which resulted in a 78% reduction in loading times compared to the old system
- Configured batch cron jobs with PHP and MySQL ORM to automate membership renewals, saving associations an estimated 38 hours of collective work a month
- Designed and developed a user engagement tracking system by creating MySQL database entities and applying OOP principles and factory design pattern to modularize point calculation logic based on user activity

Full Stack Developer Intern

Apr. 2024 - Aug. 2024

BizZone inc.

Gormley, ON

- Developed responsive and dynamic web apps using Vue, Nuxt, Typescript, and PHP that make RESTful API calls to fetch data from a MySQL database
- Created a public directory that used OpenAI's API for semantic search to then filter results from a MySQL database based on arguments such as location, name, and distance: [Directory](#)
- Implemented front-end routing in TypeScript using Axios for API calls to PHP action files, which reduced response time by 36% through efficient request handling and SQL query optimizations.

Front-end 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
- Created comprehensive unit tests with Jest to validate event handling and state management logic, and deployed the website to Firebase for responsiveness and bug testing

PROJECTS

Short Notes | *React, Node, Javascript*

Mar. 2024 – Present

- Developed a full-stack note-taking application utilizing Next.js 13, React, and MySQL for customized note-taking
- Created RESTful API endpoints to perform CRUD operations for notes to have data persistence and synchronization between the frontend and 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

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