# Benjamin Wang

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## 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**: TensorFlow, Git, Jira, Linux, Wrike, Firebase
**Certifications**: AWS Certified Cloud Practitioner

## EXPERIENCE

**Full Stack Developer Intern** — Jan. 2025 - Present
*BizZone inc.* — *Gormley, ON*
- Applied logistic regression model using TensorFlow to predict customer churn based on activity data, recency of engagement, and other factors to improve customer retention strategies by identifying at-risk users
- Configured batch cron jobs with PHP and SQL queries to automate membership renewals, saving users an estimated 38 hours of collective work a month

**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
- 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 GenAI (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
- Created comprehensive unit tests with Jest to test event handling and state management and test deployed the website 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

**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