

BRANDEN PHAN

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EDUCATION

University of Guelph

Apr 2024

Bachelor of Computing (4.0 GPA)

- Major in Computer Science, Minor in Business

EXPERIENCE

Yumebini

Mar 2024 – June 2024

Full-stack Developer (Free-Lance)

Hamilton, ON

- Designed and implemented an e-commerce web app on Shopify, collaborating with stakeholders to create a responsive UI that attracted 60+ new customers
- Optimized Shopify's default codebase, refactoring inefficient code to reduce load times by 13%
- Built a custom wishlist with HTML, CSS, Liquid, and Shopify's API, saving the company \$10 a month on third-party apps
- Wrote comprehensive documentation on custom components and trained administrators to manage the app independently, improving operational efficiency by 50%

Guelph Dental

May 2022 – June 2022

Full-stack Developer (Free-Lance)

Guelph, ON

- Re-engineered a local dentistry web app to replace the built-in GoDaddy app, cutting operational costs by \$20 a month and boosting the number of users by 100+
- Created front-end components with React, using Chrome Lighthouse analytics to boost app speed by 20%
- Developed an admin dashboard using React, Express, and MongoDB, enabling administrators to manage app data and reducing developer involvement by 90%
- Integrated a booking system with EmailJS, streamlining client scheduling and saving over 1 hour of daily reception time
- Conducted user feedback analysis, resolving 6 usability issues to improve app performance

Lotus

Dec 2021 – Mar 2022

Front-end Developer

Hamilton, ON

- Collaborated in a team of 4 developers, creating a React web app using TypeScript to increase users by 300+
- Designed the project workflow, setting up GitHub tasks and structuring codebases, cutting development time by 1 week
- Reviewed pull requests to ensure consistency and scalability, implementing changes across 20 components and reducing bugs by 20%
- Established a comprehensive test suite with Mocha, testing for 1 month and resolving 5 errors to increase app stability

PROJECTS

Recapify | TypeScript, React, Python

May 2024

- Created a Google Chrome extension, collaborating in a team of 3 to provide an interface that summarizes text using AI
- Integrated OpenAI's LangChain API with Python, using GPT-3.5 to generate text summaries under 10 seconds

Course Search | JavaScript, React, Next, Node, Playwright

Feb 2022 - Apr 2022

- Deployed a full-stack web app with React and Next, collaborating with 6 developers over 2 months
- Developed React components to create a UI that allowed users to search courses, degree schedules, and prerequisite trees for the University of Guelph and British Columbia
- Wrote JavaScript functions to scrape 200+ courses and 100+ degrees from the University web apps
- Generated 20+ automated tests with Playwright, catching all errors that may occur during the query and display of data

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python, Java, C

Frameworks: React, Next.js, Express.js, Node.js, Mocha

Databases: MySQL, DBEaver, MongoDB, Firebase

Tools: Git, Heroku, Netlify, Figma