

Edwin Do

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<https://github.com/edwin-do> </> <https://edwin-do.github.io>

<EDUCATION>

McMaster University Hamilton, ON
Software Engineering & Management(B.Eng.Mgt) Year 5/5 04/2023 (Expected)
Relevant Courses: Data Structures and Algorithms, Databases, Software Design

<EXPERIENCE>

Software Engineering Intern Toronto, ON
FreshBooks 05/2022 → 08/2022

- Developed **REST API** endpoints for hexagonal microservices in **Django** for an upcoming feature release
- Implemented new validations and API error handling for multiple microservices, making the error messages more meaningful and traceable to **over 6 000 users**
- Engaged in **high level API design** technical discussions and proposed a working solution for migrating existing users to a future beta release
- Wrote integration and **unit tests** for new endpoints and bug fixes to ensure a **high level of code coverage**
- Participated in regular standups, sprints, retrospectives, swarm testing and task estimation

Software Developer Intern Hamilton, ON
MenloLab Inc 05/2021 → 12/2021

- Developed a desktop application with Tauri (Vue.js + Rust) for in-house VPN Client allowing users to connect to Matlab license servers, using Nebula, resulting in a **50% reduced downtime**
- Improved **page load time by 25%** by creating dynamic visual components with **Vue.js** and reduced the bundle size of Webpack through various package changes and updates
- Worked with **GitLab CI/CD pipeline** and **Docker images** to build and distribute new versions/updates of the VPN Client through a Google Cloud Storage (Windows) and Aptly (Linux)

<ACTIVITIES>

Season 17 Apprentice Hamilton, ON
MARS Apprenticeship 05/2021 → 11/2021

- Won an experiential learning **case competition** in a team of 6 for with sponsors such Microsoft Canada, Telus, Canadian Tire Bank, PepsiCo and Jan Kelley to **solve marketing and sales problems**
- Developed **insights, strategies**, wireframes, mock-ups, email templates using Mailchimp, Figma and Canva and presented to sponsors by committing 20+ hours every week

Undergraduate Teaching Assistant Hamilton, ON
McMaster University 12/2020 → 04/2021

- Led and **held weekly real-time** two hour tutorials to teach **software development** methodology
- Taught git version control, makefile, and terminal commands to **30-35 students**

<SKILLS>

Languages: Python, JavaScript, Java, C, Dart, Rust, Go, SQL
Frameworks: Node.js, React.js, Vue.js, Express.js, MongoDB, Tauri, Django
Libraries: Webpack, Bootstrap, Vuex, TailwindCSS, Figma
Tools: Docker, JIRA, Atlassian, GitLab CI/CD, Puppeteer, AWS S3, Google Cloud, Selenium, Netlify