

# Edwin Do

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

## <EDUCATION>

**McMaster University** Hamilton, ON  
**Bachelor of Engineering**, Software Engineering & Management CO-OP (Year 4 of 5) EXPECTED **04/2023**  
**GPA:** 3.7/4.0  
**Relevant Coursework:** Data Structures and Algorithms; Human Computer Interfaces; Databases; Software Design;

## <PROFESSIONAL EXPERIENCE>

**MenloLab Inc** Hamilton, ON  
*Software Developer (UI/UX)* 05/2021 – 12/2021

- Developed new **REST API endpoints and routes** to retrieve data from other **microservices** within the MenloLab platform and **AWS S3** buckets working with **Node.js** and **MongoDB**
- Worked with **Vue.js** to create dynamic visual components and **Webpack** to improve page load time by **25%**, by reducing bundle size of webpack through package changes/updates
- Developed a **desktop application** with Tauri (Vue.js + Rust) for in-house VPN Client that allows users to connect to license servers such as Matlab using Nebula, **reducing downtime by 50%**
- 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)

**Royal Bank of Canada (RBC)** Toronto, ON  
*Technical Systems Analyst* 01/2020 – 08/2020

- Developed Python scripts to automate the process of integrating business data from various sources using Selenium WebDriver, **decreased time needed from 10 minutes to 2 minutes** everyday
- Extracted related resource data from MIS and performed reconciliation with resource plan for Senior Director

## <ACTIVITIES AND LEADERSHIP>

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

- An **experiential learning** case competition with sponsors such Microsoft Canada, Telus, Canadian Tire Bank, PepsiCo and Jan Kelley to solve **real business problems** and working 20+ every week
- Created wireframes, mock-ups, email templates, and presentations to present **insights and strategies** to sponsors working with Mailchimp, **Figma** and **Canva**

**Faculty of Computing & Software, McMaster University** Hamilton, ON  
*Undergraduate Teaching Assistant* 12/2020 – 04/2021

- Led **weekly real-time tutorials** to teach software development methodology and data structures such as version control, binary trees, and C Programming to 30-35 students

**Developer Student Clubs McMaster U** Hamilton, ON  
*Front-end Developer* 09/2020 – 04/2021

- Developed and deployed the first DSC McMaster U Website with a team of six developers from wireframes and mock-ups working Gatsby.js, **React.js** and **Figma**

## <PROJECTS>

**Mood - UofT Hacks** Toronto, ON  
*MLH Hacker* 02/2021

- Developed a mobile app that **uses NLP processing to track a user's mental health** based on daily journal entries (Sentiment Analysis) using **Python**, **Dart** and **Flutter**

## <SKILLS>

- Programming Languages:** JavaScript, Python, Java, C, Dart, Rust, Go, SQL
- Tools/Frameworks:** Node.js, npm, React.js, Vue.js, Express, MongoDB, Figma, Tauri, Flutter, AWS S3, Google Cloud, GitLab CI/CD, Docker, JIRA, Atlassian, GitHub, Netlify, Webpack, Selenium, Puppeteer, Storybook
- Libraries:** TailwindCSS, Bootstrap, Vuex,
- Other:** Fluent in English, Cantonese and Mandarin