

EDWIN DO

647-965-3389 | doe@mcmaster.ca | [linkedin.com/in/edwin-do](https://www.linkedin.com/in/edwin-do) | github.com/edwin-do | edwin-do.github.io

EDUCATION

McMaster University

Bachelor of Engineering Management in Software Engineering

Hamilton, ON

Sept. 2017 – May 2023

EXPERIENCE

Software Engineer Intern

May 2022 – Aug 2022

FreshBooks

Toronto, ON

- Developed REST API endpoints for hexagonal microservices using Django in Python for a major feature release
- Improved API error traceability by implementing new validations for error handling for three microservices, making the error messages more meaningful and traceable to over 6 000 users
- Wrote integration and unit tests for production code to ensure a high level of test coverage
- Participated in regular standups, sprints, retrospectives, swarm testing and task estimation

Software Engineer Intern

May 2021 – Dec 2021

MenloLab

Hamilton, ON

- Developed a desktop application with Tauri using Rust for a VPN Client used to help users connect to Matlab license servers
- Developed dynamic visual components that interact with AWS S3 buckets using Vue.js
- Worked with GitLab CI/CD pipeline and Docker images to build and distribute new versions/updates of the VPN Client through Google Cloud Storage (Windows) and Aptly (Linux)

Season 17 MARS Apprentice

May 2021 – Nov 2021

McMaster University

Hamilton, ON

- Participated and won an experiential business case competition in a team of six
- Developed strategies and presented business solutions to sponsors including Microsoft Canada, Telus, Canadian Tire Bank, PepsiCo and Jan Kelley
- Created wireframes and mock-ups, using Mailchimp, Figma and Canva for the presentations to sponsors

Undergraduate Teaching Assistant

Jan. 2021 – Apr 2021

McMaster University

Hamilton, ON

- Teaching assistant for a course teaching software development methodology, data structures and scripting
- Prepared and led multiple weekly tutorial sessions for over 40+ students

Software Developer

Sept. 2020 – Apr 2021

Developer Student Clubs McMasterU

Hamilton, ON

- Developed the first DSC McMaster website with a team of six developers using React and Gatsby.js
- Designed mock-ups, wireframes, and components using Figma

Technical Systems Analyst

Jan. 2020 – Aug 2020

Royal Bank of Canada, RBC

Toronto, ON

- Developed Python scripts to automate the process of integrating business data from various sources
- Performed SQL Queries and performed reconciliation with resource plan for the Senior Director

PROJECTS

Movie Nomination Web App | React, Bootstrap, OMDb API, Git

- Developed a progressive web application using React and Bootstrap for movie nominations
- Utilized OMDb API to get movie data and implemented search features

Minimo - open source new tab | JavaScript, Annyang API, HTML, CSS, Git

- Forked an open source project and performed a major code refactorization
- Added new features such as To-Do list, weather updates and voice-enabled searched (using Annyang API)

SKILLS

Languages: Python, JavaScript, Java, C, C#, Dart, Rust, Go, SQL

Frameworks: React, Node.js, Flask, Django, Vue.js, Express.js, MongoDB, Tauri

Tools: Git, Docker, GitLab CI/CD, JIRA, Confluence, Google Cloud Platform, VS Code, Visual Studio, Eclipse

Other: Fluent in English, Cantonese, Mandarin