

# Edwin Do



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

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



## EDUCATION

McMaster University - Hamilton, ON

Software Engineering & Management Co-op

Year 3/5 – Expected Graduation: April 2022



## PROJECTS

### ezHealth Application

- Delivered a Java application that utilizes searching and sorting algorithms and databases
- Acquired a method to efficiently generate healthy grocery lists
- Tools used: **Eclipse, Java**

### Foodie Place

- Created a web application that uses RESTful routes to post highly recommended places to eat
- Tools used: **Node.js, Express.js, HTML, CSS, MongoDB**

### Blackjack

- Designed a game of Blackjack using various class objects
- Created a GUI using SWT in Eclipse
- Tools used: **Java, Eclipse, Python**

### Image Optimizer

- Incorporated the use of genetic algorithm to optimize the quality of images
- Tools used: **VS Code, Objective C**



## SKILLS

### Front-End

HTML	JavaScript
Bootstrap 4	CSS
EJS	Semantic UI

### Back-End

Java	Node.js
Python	DB2
MongoDB	SQL

### Project/Task Management

JIRA	Confluence	MIS
GitHub	Word	Excel

### Frameworks

Express.js
Spring



## WORK EXPERIENCE



### Software Developer Intern [Co-op]

May 2020 – Present



Trade & Payments Technology, RBC | Toronto, ON

- Currently working on the mitigation of mainframe applications to a new **DevOps** pipeline
- Tools used: Jenkins, GitHub, Urban Code Deploy



### Technical Systems Analyst [Co-op]

Jan 2020 – April 2020



Trade & Payments Technology, RBC | Toronto, ON

- Developed scripts to automate the process of integrating **business data** from various sources, using **Selenium, Excel** and **pytesseract** from **Python**, saving **30mins daily**
- Track and provide weekly analysis on Senior Director's resource allocation and SOW with external vendors using Excel and MIS
- Executed automation test scripts on the **QA team** using **JavaScript, Protractor** and **Selenium**



### Web & Desktop Applications Assistant

Sept 2019 – Dec 2019



Registrar Office, McMaster University | Hamilton, ON

- Achieved **90%** efficiency increase in processing incoming university students through automation by developing a **python** script, saving numerous hours of labor



### Computer Science Project Developer

May 2019 – Aug 2019



LEAP Academy, McMaster University | Hamilton, ON

- Improved student engagement by **70%** as measured by term-end survey, through developing tutorials and projects using **Java, Python, HTML** and **CSS**



## LEADERSHIP & EXTRACURRICULARS



Royal Bank of Canada



T&O Community Leader

May 2020 – Present



McMaster Engineering & Management Society



VP External

May 2019 – Dec 2019



2<sup>nd</sup> Year Representative

Oct 2018 – April 2019



Mathstronauts



STEAM Engine Instructor

Sept 2019 – Dec 2019



STEAM Engine Volunteer

Oct 2018 – April 2019

References Available Upon Request