Edwin Do

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🏛 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
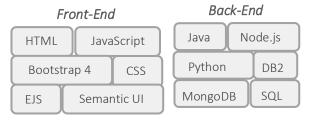- Tools used: Node.js, Express.js, HTML, CSS, mongoDB

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*
- 2nd 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