

Youssef Ismail

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**Engineering
at Alberta**

UNIVERSITY OF ALBERTA - ACADEMIC & CO-OP STATUS:

Computer Engineering Software Option, Bsc Co-op

Cumulative Grade Point Average:

Completed Academic Terms:

Completed Co-op Work Terms:

Availability Starting May 2021:

Class of 2024

3.8 / 4.0

4 of 8

0 of 5

4 months

TECHNICAL SKILLS:

Programming:

C/C++: Intermediate

CSS: Intermediate

HTML: Intermediate

Javascript: Basic

MATLAB: Intermediate

Python: Advanced

SQL: Basic

Swift: Basic

VHDL: Basic

Digital:

Excel: Intermediate

Illustrator: Basic

Photoshop: Intermediate

Powerpoint: Intermediate

Word: Intermediate

PROJECT EXPERIENCE:

Edmonton Reads | Website edmreads.ca

Jan 2020

Independent Project: Full Stack Web Application

- Developed a web application featured by the City of Edmonton with a team of 2 other students that showcases the top 10 most popular books in Edmonton, Alberta.
- Designed modern Front-End user interfaces using Bootstrap, Javascript, HTML, and CSS
- Integrated backend server calls with Django, AJAX, jQuery, and Python
- Retrieved JSON data from RESTful API calls to City of Edmonton and Google backends
- Implemented user login and registration with option to save books to reading list
- Optimized site load time by troubleshooting bugs and offloading data to a PostgreSQL database
- Initialized Heroku server using Gunicorn, WhiteNoise, Git, and Heroku CLI

YegEvents | Swift App <https://youtu.be/Vd8GCVngSFs>

August 2020

Harvard University: CS50x Final Project

- Created an iOS Swift app that displays nearby events happening in Edmonton, Alberta
- Integrated Mapkit and RESTful API calls from City of Edmonton API to parse JSON data
- Provided support for multiple devices through Auto Layout constraints as well as Dark/Light mode integration
- Troubleshooted multiple bugs and addressed potential concerns throughout app development

UAlberta Ellerslie Campus | Project Proposal

April 2020

University of Alberta: Final Design Project (ENGG 160)

- Worked with a team of 7 students as Project Leader in the proposal of a new UAlberta campus
- Delegated tasks to team members to ensure the completion of the project 2 weeks before the deadline
- Team feedback: "Great job leading the group! He kept us on track very effectively."

WORK EXPERIENCE:**Retail Sales Associate**

Famous Footwear

May 2019 - Present

Edmonton, Alberta

- Interacted with customers in a friendly and professional manner to help find and purchase name-brand footwear
- Provided support to fellow employees through sharing of product knowledge, helping to complete tasks and/or assisting in customer interactions
- Exceeded sales and rewards goals on a monthly basis via excellent customer service skills
- Performed register sales transactions quickly and accurately in accordance with guidelines.
- Reduced stolen products in store by 50% through vigilant customer interaction

Brand Ambassador

American Eagle Outfitters

June 2019 - March 2020

Edmonton, Alberta

- Consistently demonstrated the AEO Customer First selling standards in order to deliver a positive customer experience and achieve daily sales goals
- Proactively resolved customer concerns in a manner consistent with company policy, and with customer satisfaction in mind
- Operated cash register using POS system and oversaw cash, debit, and credit transactions
- Maintained company brand standards of neat, clean and organized sales floor, cash wrap, fitting room and stockroom to ensure the store environment was safe and presentable

CERTIFICATIONS:

- Harvard University, CS50: Introduction to Computer Science *August 2020*
- Alberta Class 5-GDL Driver's License *August 2020*
- Workplace Hazardous Materials Information System (WHMIS) Training *March 2020*
- Engineering Laboratory Safety Orientation and Training *March 2020*
- DELF B1 French Language Proficiency *June 2019*

SCHOLARSHIPS & AWARDS:

- Jason Lang Scholarship for Academic Excellence *2020-2021*
- University of Alberta Undergraduate Scholarship *2020-2021*
- Alexander Rutherford Scholarship *2019-2021*
- International Baccalaureate Diploma *2018-2019*
- Honors with Distinction, Lillian Osborne High School *2016-2019*

ADDITIONAL INFORMATION:

- Enjoys playing basketball, soccer, and hiking
- Legally entitled to work in Canada, willing to relocate

REFERENCES:

References available upon request