

WORK EXPERIENCE

Software Developer Intern Mastercard Inc.

05/2018 – Present

St Louis, United States

Responsibilities

- Focusing on developing technology tracks for Mastercard Processing including cloud enablement, APIs, and Microservices
- Assisting in developing the microservices architecture for Mastercard Processing services
- Created Jenkins pipeline and Org so that users can deploy their cloud native applications to PCF

Application Developer Intern XE.com

09/2017 – 12/2017

Newmarket, Canada

Responsibilities

- Used AWS, PHP, and JavaScript to assist in the development and maintenance of XE.com
- Used AWS and PHP to assist in the development of a currency exchange API

CEO and co-founder RoKri Computers

06/2015 – 06/2017

Richmond Hill, Canada

A technology company that assembles custom computers for corporations and individuals, compatible with VR

Responsibilities

- Applied for and managed grant from the Government of Canada
- Pitched products and services at trade shows
- Designed and built custom computers according to customer requirements

EDUCATION

Honors Computer Science (co-op) University of Waterloo

2016 – 2021

Cumulative Average: 82%

Key Courses

- Algorithm Design
- Object Oriented Software Development
- Logic and Computation
- Data Structures and Data Management
- Sequential Programs
- Computer Organization

LANGUAGES & FRAMWORKS

C/ C++

Scala

PHP

Scheme (Racket)

HTML, CSS, Bootstrap

Linux

Git

Python

PROJECTS

C Assembler and Compiler (2018)

- Used Scala to build a compiler and assembler for the C programming language

CC3K (2017)

- Used Object Orientated Programming (C++) to create a rogue one-player game spanning distinct levels with multiple items

that-one-big-story - HackMIT (2017)

- Created a web-based application at HackMIT (Hackathon) which acts as a crowd sourced choose-your-own-adventure story
- Developed front-end using AngularJS

ACHIEVEMENTS/ ORGANIZATIONS

AR/VR Workshops (2018)

Developed and presented an Intro to VR and AR workshop which led attendees through Unity tutorials using AR models and Google Cardboard

STEM Fellowship - Graphic Design, Treasurer (2017 – Present)

Designed the Waterloo chapter logo, posters, and advertisements for various events as the graphic designer. Applied for and oversaw funding for the organization

Future Female Techmakers Conference (2017)

Developed and presented workshop for high school students regarding Boolean Logic at the Future Female Techmakers Conference

Tennis Team Captain (2016)

Organized practices, tennis meets, and led a team of 15 individuals. Received 3 first place medals in the York Region Athletic Association and top 10 finish at provincial competition

SCHOLARSHIPS

Grace Hopper Conference (2017): Awarded to outstanding female students in computing to attend the Grace Hopper Conference in Orlando, Florida.

Students Making an Impact (2016): Awarded to 5 students who have initiated a philanthropic endeavor or started their own business

President's Scholarship of Distinction (2016): Awarded to high school students with a 95%+ average