MARC-OLIVIER FORTIN

@ m5fortin@uwaterloo.ca

514-826-9984

in marco-fortin

marcofortin

% marcofortin.github.io/personalWebsite

PROJECTS

MindSpace

ConUHacks 2020

- Co-developed a simple workspace tool to improve self-relfection and work related stress
- Implemented Shutterstock's API to retrieve keyword images
- Led user-interface design and front-end development of the Angular application

Biquadris

UWaterloo - CS 246

- Co-developed the **Tetris** game with many additional features
- Implemented the program utilizing object-oriented programming patterns in C++
- Scored 103% on this final project by achieving all requirements and implementing bonus features

E-motion

Hack The North 2019

- Co-developed a **smart diary** that gives users data-driven insights into their mental well being
- Implemented machine learning sentimental analysis to track 100% of journal entries using Python and Flask
- **Spearheaded** the front-end development of the **React** based application

EXPERIENCE

Innovation & Design Specialist

Via Rail Canada

- Independently developed multiple applications to facilitate on-board processes utilizing Microsoft's Power Platform, one which saved the company around \$200,000 per day
- Interacted with **real time data** and managed **large databases** with **SQL Server** to develop the technologies
- Built insightful scripts including a quality trip tracking algorithm and security footage analysis using JavaScript, Python and Microsoft's cloud-based Computer Vision

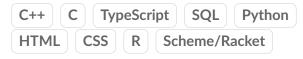
Web Developer Intern

Finlogik (Canaccord Genuity Group Company)

- Codeveloped the front-end of an **Angular** based easy-to-use **investment application** for users to manage financial portfolios
- Independently developed a user-friendly administrative web application to maintain the previously developed software
- Both applications built **improved the user experience** with Finlogik's products and the speed of operations

SKILLS

Languages:



Technologies:

Bash	Angular	React	Git	Jira	
MS Power Platform		Fign	na l	MS Suite	

EDUCATION

Candidate for Bachelor of Honours Computer Science

University of Waterloo

2018 - 2023

♥ Waterloo, Ontario

• GPA: 3.86/4

- University of Waterloo Merit Scholarship
- Scored 110% by surpassing expectations on a term project in The Physics of How Things Work

Natural Sciences - CEGEP

Collège Jean-de-Brébeuf

2017-2018

Montréal, Québec

R Score: 34.696

- Calculus 1 for Honours Mathematics (93%)
- Calculus 2 for Honours Mathematics (96%)

LANGUAGES

English
French
Spanish

EXTRACURRICULARS

- University of Waterloo's Fintech club (2018-2019)
- University of Waterloo's Blockchain club (2018-2019)
- Won **1st** place, outdoor soccer provincial championship Quebec
- Won 1st place, indoor soccer provincial championship Quebec