

MARC-OLIVIER FORTIN

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PROJECTS

E-motion - Hack The North 2019

React, Python, Flask, PostgreSQL

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

Optimo - Starterhacks 2019

Javascript, HTML, CSS

- Co-developed a dynamic web application that accurately determines the user's eyesight
- Implemented a **Web Speech API** using JavaScript to create an algorithm that operates using voice input
- Adapted results from optometric research to increase **algorithm's accuracy**

Personal Website - 2019

HTML, CSS

- Build a website from scratch to showcase projects and extracurriculars

EXPERIENCE

Web Developer Intern

FinlogiK (Canaccord Genuity Group Company)

May 2019 – August 2019 Montreal, Canada

- 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

Math Orientation Leader

University of Waterloo

April 2019 - September 2019 Waterloo, Canada

- Acted as a **strong leader and positive role model** for the University of Waterloo and the Mathematics faculty
- Provided **positive and meaningful interactions** with first-year students in their first weeks at University.

Math Tutor Leader

Académie Ste-Thérèse

August 2016 - June 2017 Ste-Thérèse, Canada

- Tutored** mathematics in weekly sessions to guarantee students' learning, problem solving capabilities and development
- Taught class content when it wasn't understood and prepared the **weekly sessions** in advance, using effective pedagogic and organisation skills

EDUCATION

Candidate for Honours Co-op

Computer Science (86.67%)

2018 – 2023

University of Waterloo

Relevant Courses:

- Object-Oriented **Software Development**
- Logic and Computation
- Elementary **Algorithm Design** and Data Abstraction
- Designing **Function Programs**,
- Linear Algebra 1 for Honours Mathematics

Relevant Projects:

- Scored **110%** by surpassing expectations on a term project in The Physics of How Things Work

SKILLS

Languages:

C C++ TypeScript HTML CSS
R Scheme/Racket Python

Technologies:

Angular React Git SourceTree
Bash Jira Zeplin/Racket

ACHIEVEMENTS

- Won** best pitch award, StarterHacks (500+Hackers)
- University of Waterloo Merit scholarship
- Won **1st** place, outdoor soccer provincial championship - Quebec
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CLUBS

- University of Waterloo's Fintech club (2018-2019)
- University of Waterloo's Blockchain club (2018-2019)

INTERESTS

- Soccer - Futsal
- Financial Technologies
- Logic Puzzles