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

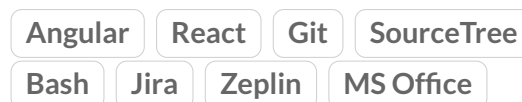📅 August 2016 - June 2017   📍 Ste-Thérèse, Canada

- **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

SKILLS

- Languages:

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

- Technologies:

Angular   React   Git   SourceTree
Bash   Jira   Zeplin   MS Office

EDUCATION

Candidate for Honours Co-op

Computer Science (GPA: 3.88/4)

📅 2018 – 2023   📍 University of Waterloo

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Relevant Courses:

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

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Relevant Projects:

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

LANGUAGES

English, French ●●●●●
Spanish ●●●○○

ACHIEVEMENTS

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

CLUBS

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