

# MARC-OLIVIER FORTIN

@ m5fortin@uwaterloo.ca

☎ 514-826-9984

in marco-fortin

marcofortin

marcofortin.github.io/personalWebsite

## PROJECTS

### 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

### Optimo

#### Starterhacks 2019

- **Won Best Pitch Award** with over **500** participants
- Co-developed a dynamic web application that accurately determines the user's eyesight using **Javascript**, **HTML** and **CSS**
- Implemented a **Web Speech API** utilizing JavaScript to create an algorithm that operates using voice input
- Adapted results from optometric research to increase algorithm's effectiveness, achieving **96% accuracy**

## 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

#### 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 Bachelor of Honours Computer Science

#### University of Waterloo

📅 2018 – 2023 📍 Waterloo, Ontario

- **GPA: 3.88/4**
- 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
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