

# MATTHEW ALUNNI

MASTERS OF ENGINEERING DESIGN STUDENT

## SUMMARY

IT professional and Engineering Design student with 6+ years' experience developing web, mobile, and desktop solutions for diverse industry clients. Highly instrumental in all phases of the SDLC, with expertise in data structures and algorithms. Successful in optimizing and automating business procedures.

## TECHNICAL SKILLS

HTML, CSS, Bootstrap, MDBBootstrap, JavaScript, React, Node.js, Python, Django, C#, React Native, Java, Git, SQL Server, PostGres, SQLite, Linux, Heroku, Docker, CAD, Cura, Fusion360

## HOW TO REACH ME

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## PERSONAL PROJECTS

### MFit – A Mental Fitness Tracking Application for iPhone and Android Devices

NCDSB | September 2019 – January 2020

- Contracted by the Niagara Catholic District School Board to develop a cross platform iOS/Android application for students to track and manage their mental health with a daily mood entry and data visualization.
- This application is built with Cross-Platform React Native + JavaScript running Node.js backend and SQLite for data persistence.
- Implemented navigation, utilized states and props for screen-specific data handling, and created reusable components for screen elements.

## EDUCATIONAL TRAINING

### Masters of Engineering Design In Product Design

McMaster University

Coursework: Industrial Automation, IoT, Rapid Prototyping, Advanced Robotics and Automation

### Honours Bachelor of Computing and Business

Brock University

Coursework: Data Structures and Algorithms, Database Systems, Artificial Intelligence, Advanced Object-Oriented Programming, Mobile Computing, Software Engineering, Networking

## CAREER SUMMARY

### Application Developer

RBC | May 2020 to Sept. 2021

- Worked in an agile environment creating Python/Django web applications using a SQL Server database on the backend to create a ticketing system to manage the work of security consultants.
- Worked with and designed RESTful APIs to automate business processes saving thousands of hours for the cybersecurity consulting team.
- Used HTML, CSS, MDBBootstrap, JavaScript, and JQuery to follow mockups in creating a front end for a ticketing system, showing graphs, statistics, and graphics.

### Cybersecurity Analyst

RBC | Aug. 2019 to April 2020

- Independently created C# applications to help automate project intake by using analytical skills to save time for cybersecurity consultants.
- Added utility by creating a .NET application that integrated with tools such as Active Directory to provide convenience for RBC employees.

### IT Analyst

Campari Canada | Jul. 2018 to Dec. 2018

- Created responsive web parts by using HTML, CSS, and JavaScript skills with a Microsoft Access backend to build out an Intranet site.