

## Brandon Elefano

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## EDUCATION

Bachelor of Science in Information Security and Mathematics at the University of Toronto

Expected Graduation Date: April 2022

## SKILLS

PYTHON	• Machine Learning (Neural Network Design with NumPy/Pytorch)
C	• Systems Programming (FS Design and implementation via FUSE) • Network Programming (Basic Router Implementation using Mininet)
HTML + CSS + Javascript	• Front-End Web Development (Bootstrap, React.js) • Back-End Web Development (Node.js, Express.js, Mongoose)
SQL/noSQL	• Database Design (PostgreSQL, MongoDB)
LaTeX	• Document Construction/Formatting

## PROJECTS

**COVID-19 Venue Review Website** <https://safetyadvisor.herokuapp.com/> 2020

A web application that allows users to rate venues based on how well they adhere to good COVID-19 safety practices.

- Collaborated with a team of four to produce this full-stack (MERN) app.
- Designed the UI of the application using React.js and the Google Maps API.
- Programmed the application's back end using Express.js

**Music Staff JavaScript Library** <https://notejs-library.herokuapp.com/> 2020

A front-end, open-source JavaScript library that allows developers to inject dynamic staff music into their web applications.

**VR Maze Game** 2019

A virtual reality Unity game that uses your phone as a controller.

- Worked with a team of four to produce this short game under time constraints (Three days)
- Made using Unity during UofTHacks 2019.

**Android Tile Game App** 2018

An android phone application that allows users to play an assortment of tile-based games (Tile-Swap, Snake, Knight's Tour).

- Collaborated with a team of five to produce this application using Java + Android Studio.

## WORK EXPERIENCE

**CARKERA - Field Service Assistant** 2018-2019

**WOODBRIIDGE BOOSTER JUICE - Crew Member** 2017-2018

## VOLUNTEER EXPERIENCE

**YMCA - Fitness Instructor** 2017-2017