

BLAKE STEPHENSON

ELECTRICAL ENGINEERING STUDENT

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EDUCATION

09/2019 - PRESENT **Bachelor of Electrical Engineering**
McMaster University
3.9 GPA

SKILLS

- Python, Java, C++, R, MATLAB
- CSS, HTML, JS
- CAD Inventor, Fusion
- Verilog
- Circuit design
- Soldering

WORK EXPERIENCE

- 07/2021-08/2021 **FT Group** Glazier
Cutting and installing windows, learned new skills on the job to complete required tasks, solved problems on the spot when they arise
- 06/2020-08/2020 **Jeff Goodman Studio** Landscaping and Laborer
Maintained the property surrounding the studio worked independently and initiated projects
- 07/2018-08/2020 **Superior Pools** Lifeguard
Solo guard for multiple pools, maintained equipment and facilities while watching over patrons and strengthening leadership

STOCK TRACKER PROJECT

A Raspberry pi device that displays stock prices in real time
Using a simple three button interface the user can select which stocks they would like to keep updated on and the device finds and displays the prices in real time on an LCD display for the user to see

LIDAR FINAL PROJECT 2ND YEAR

Device that maps users room in 3D using lidar
Using a microcontroller, stepper motor and a ToF sensor a 3D model of a room is made in slices and is put together in software

PERSONAL WEBSITE

Personal website built from scratch
The website displays different projects, how they were made, and all the schematics and models
This was used as an opportunity to improve CSS and JS skills