EH

EVAN HUM
MECHATRONICS ENGINEERING

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SKILLS

- Python
- C++
- RobotC
- SolidWorks
- AutoCAD
- Git Bash

EDUCATION

University of Waterloo
- Mechatronics Engineering
- Candidate for BASc.
- Received President's Scholarship of Distinction (95%+ High School Average)

Relevant Courses
- Digital Computation
- Algorithms and Data Structures
- Engineering Graphics and Design

HOBBIES

- Baseball
- Ice Hockey
- Piano/Ukulele
- Digital Drawing

SUMMARY OF QUALIFICATIONS

- Excellent **teamwork** skills through 8 years of **organized sports**
- Developed **problem-solving** skills through the Learning Enrichment Advancement Program at McMaster University
- **Self-motivated** through independently learning instruments
- Currently learning **HTML/CSS** for front-end development

PROJECTS

POKEMON DATABASE ANALYZER   June 2018
- Developed a program using Python with Object-Oriented Programming to filter through dozens of columns and hundreds of rows of data
- Produced all matching results based on user-inputted attributes

AUTOGROW • PLANT CARE ROBOT   November 2019
- Constructed an autonomous robot using **Tetrix Kits** and LEGO capable of **360˚ rotation** and supported **5 L** of water
- Programmed robot using **C-based language** to supply water accurate to **5 mL** to multiple plants over a set time period
- Collaborated with multiple classmates to efficiently distribute tasks and help the project run smoothly

PERSONAL WEBSITE   January 2020
- Re-configured DNS records to enable **HTTPS** connection on custom domain
- Designed website using **HTML/CSS** to create a personalized and professional web page
- Diligently managed time between self-teaching web-development and keeping up with coursework

EXPERIENCE

CASHIER • WALMART   September 2018 – August 2019
- Promptly learned company policies through online modules and applied them during each shift
- Communicated clearly and effectively to both customers as well as multiple managers
- Quickly adapted to working in a fast-paced environment and was able to train new employees