JUSTIN KWINECKI

Software Engineering Undergrad

St.Catharines, Ontario | (905) 341-6497 | jjkwinecki@gmail.com | Linkedin: Justin Kwinecki
GitHub: https://github.com/jjustin-k | Portfolio: https://jjustin-k.github.io./

I am an innovative and analytical student pursuing a degree in Software Engineering at McMaster University and actively seeking an Internship/Co-Op position in the technology field. I will apply my existing knowledge of software principles, including object-oriented programming and data structures and algorithms, in a professional setting where I can gain valuable work experience from industry leaders.

EDUCATION

MCMASTER UNIVERSITY **2022 - Present**
Bachelor of Software Engineering Hamilton, ON.
Current Year Two 12/12 GPA (this equates to a 4.0 GPA on the 4-point scale)
Honours: First-year Dean's List (3.9/4.0 cGPA)

Relevant Coursework: Object Oriented Programming (Done in Java, Python, and C), Software Engineering Practice and Experience (Worked with Linux Systems/BASH and low-level C programming), Data Structures and Algorithms (Different types of algorithms and data structures, ie. Stacks, Trees, Maps, etc., Along with big O notation), Software Development 1: Intro to Software Development (Software life cycle, interfaces and classes, testing and verification).

EXTRACURRICULARS

Deltahacks 10: Lead developer for my team, Gesture Recognition, in the annual hackathon at McMaster University. I trained the model used in this project, as well as wrote the code to pick up on-hand landmarks.
Mac AI Society: a participating member of the McMaster Artificial Intelligence Society.

MY SKILLS

Technical Skills: Python, C, Bash, Java, CSS, HTML, JavaScript, Verilog, Autodesk Inventor.
Soft Skills:

- **Leadership:** Demonstrates exceptional leadership skills to inspire and motivate others.
- **Problem-Solving:** Proficient in anticipating solutions and can analyze and explain a wide range of problems.
- **Dedication:** I consistently strive for excellence. My relentless drive and passion allow for continuous learning and personal growth.
- **Teamwork:** I believe collaboration and synergy are key to success and efficiency.

PROJECTS/ EXPERIENCE

Face-Recognition Software: Built a program in Python using OpenCV and face recognition to be able to recognize known people.
Python, Matplotlib, NumPy, Scikit-Learn, and Pandas: As my first machine learning project, I attended a workshop where I created and displayed a program that predicted the odds of having kyphosis at different ages.
Password Resilience Analyzer: Designed and programmed a password security system that determines the strength of passwords that meet specific security standards (Using C and Bash).
Gesture Recognition Software: Built a program as well as trained the model to translate hand gestures into letters of the alphabet in real time. This was built with Python, OpenCV, TensorFlow, MediaPipe and NumPy.