**EDUCATION**

Email: mike.m7@hotmail.com

Phone:

(647)-202-2875

Current Residence:

Waterloo, ON.

Hard Skills

* Problem Solving
* Programming
* Web Development
* Security

Soft Skills               \_

* Communication
* Leadership
* Innovation
* Efficient Learner

Languages

* C/C++
* Python
* Java
* PHP

**MICHAEL S. MALINOWSKI**

**LinkedIn**: www.linkedin.com/in/michael-malinowski-b8967a167

**GitHub:** https://github.com/MiGi7

***University of Waterloo 2014-2019***

* Honours Science (BSc) Level IV | Pursuing Minor in Computer Science
* Intent of Pursing Second Degree in Software Engineering

**RELEVENT EXPERIENCE**

***WATFLY Aircraft Design Team |* website: www.watfly.ca 2018-Current**

* Manage Engineering team in the Energy department, developing a lightweight and safe battery pack
* Explore unique solutions adaptive to frequently changing prototype requirements
* Utilize technologies such as **Python** and **Arduino** to perform mathematical calculations and conduct temperature and voltage evaluations
* Collaborate with industry professionals for product orders and insight

***Personal Server 2018***

* Self-taught and explored web development and databases
* Strengthened understanding of **HTML**, **CSS**, **PHP**, and **mySQL**
* Server was live and tested by colleagues; used Raspberry Pi and Apache with a dynamic DNS
* Ensured robust security measures preventing any SQL injections through rigorous testing

***Android App with Machine Learning (In Development) 2019***

* Self-directed learning of Android Studio with Tensorflow Lite
* Using Google’s Crash Course with Tensorflow as supplementary aid
* Fruit and vegetable identifier with Nutrition facts via Nutritionix API
* Conducting ongoing research of potential improvements in all aspects of the application

***Autonomous Robot Competition (Sumo Bots – McMaster Chapter) 2018-*Current**

* Acquiring a deeper knowledge of motor and sensor circuitry
* Developing a negative feedback loop creating autonomy using sensors
* Applying physics principles to create a competitive build based on weight and dimension requirements
* Extensive and rigorous testing to ensure flawless performance on competition day

**WORK EXPERIENCE**

***Just Temptations Delivery Associate 2018***

* Time management; logically organized and adhered to strict delivery schedule

**VOLUNTEER EXPERIENCE**

***Model United Nations Delegation 2017-2018***

* Member of the High Commission on Science & Technology Committee (UNHCT); debated over current world issues relevant to technology and cyber security

***Disassembly and Refurbishing of Computers 2014-CURRENT***

* Leisurely dismantled and reassembled computers; incorporated new components to older systems with intent of improving performance

**REFERENCES ARE AVAILABLE UPON REQUEST**