**Github Repository:** <https://github.com/Mothballs017/Experience>

**OBJECTIVE**:

* To obtain co-op experience in Computer/Electrical Engineering or Software design.
* Available Jan- August 2020

**EDUCATION**:

Rochester Institute of Technology, Rochester, NY Expected Grad: May 2022

* Program: Computer Engineering Technology
* Degree: Bachelor of Science
* GPA: 3.25
* Honors: Dean’s List: Spring 2018

**RELATED COURSES**:

* Microcontrollers (ArduinoC)
* Digital System Design (VHDL)
* Hardware Description Language(VHDL)
* Electronics I,II + Lab
* Computational Problem Solving I,II (C++)
* Digital Fundamentals
* DC/AC Circuits
* Signals, Systems and Transforms + Lab

**SKILLS**:

* **Hardware**: VHDL, Quartus II, ModelSim, Altera Cyclone II FPGA, Arduino Uno, Ableton,

Cubase 9 & 10

* **Software**: C, C++, Java, ArduinoC, Javascript, HTML, CSS, PHP, SQL, MATLAB
* **Other**: Microsoft Office, oscilloscope, multi-meter, Github
* **Language**: English, Spanish, Chinese (Mandarin)

**PROJECTS**:

* Designed and constructed award-winning siege slingshot with release pin.
* Designed a lock using C code with customizable passcodes. Could allow separate codes for entry.
* Designed and constructed power amplifier with constraints.
* Produced soundtrack for e-sports event.

**INTERESTS/ACTIVITIES**:

* Creating and editing soundtracks
* Chinese for Christ church volunteered in teaching position for Summer Enrichment Program