Matthew Chu

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Github Repository: https://github.com/Mothballs017/Experience

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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