Jacob M Potter

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Education

ROCHESTER INSTITUTE OF TECHNOLOGY **2016-2021**

· Major: BS Computer Science
· Related coursework: Computer Science for AP

Skills

PROGRAMMING LANGUAGES

· Java (3 years)
· Python (3 years)
· C (Familiar)

TOOLS

· Git
· Jet brains Suite
· GNU/Linux

OTHER TECHNICAL SKILLS

· Electrical prototyping
· Networking and Switching
· Computer Hardware

Projects

BINARY CLOCK (ARDUINO, C) **2016**

· Light emitting diodes arranged in a way that allows for the time in 24-hour format to be displayed in binary. Written in C for the Arduino Uno.
  https://github.com/jmp1617/Binary-Clock

RASPBERRY PI SURVAILENCE ROVER (PYTHON) **2014**

· Raspberry Pi 2 controlled rover with live 1080p video stream on a two axis servo arm. Video stream and controls hosted on the Pi using HTML and PHP

SOLID STATE SLAYER EXCITER TESLA COIL (EE) **2015**

· Air gapped transformer that converts low direct current voltages to very high alternating current voltages. Able to light a fluorescent bulb wirelessly from 1-2 foot away off of 12 volts.

Activities

· **Computer Science House**: Computer interest house at RIT which stresses group collaboration on technical projects along with a helpful social environment. http://csh.rit.edu/
· Other activities include: Next-Hop (networking club), Snowboarding, Archery, Running, Tutor in CS, Outdooring club.

Experience

I.T. SUMMER INTERN | BELCHERTOWN PUBLIC SCHOOLS | .... **SUMMER 2016**

· Computer repairs, networking, projector repair, data entry.

References on Request