

Work Experience: Mitre Corporation: June 11 Present Freshman 1: Created ruby on rails application tunneling through a java application to control python scripts. Transcoded python to java. Freshman 2: Operate web apps to query using json and soap with security protocols. Sophomore 1: Built ozone widgets (front-end/back-end) to manage snapshots of other ozone widgets and compile meta data into an XML file Objective: Seeking co-op in the field of computer science, where a work environment will both challenge my capabilities and hone my skills while applying my knowledge to real world applications. Education: Kettering University, Flint, MI Status: Sophomore 2 B-Section (Available for co-op Jan-March, July-Sept) Major: Computer Science — Minor: Systems & Data Security/Computer Engineering Skills:

- 1. Computer Science:
 - 1.1. Scripting - Ruby, Java, Web Design(Js/Css/Html), PHP, Databases(Sql/Mongo)
 - 1.2. Frameworks Chef,Jruby, JQuery
 - 1.3. Tools Git, Vim, L^AT_EX, Wireshark, Nmap
- 2. Computer Engineering: Digital Systems, networking(wired/wireless).
- 3. Mechanical Engineering: Cad modeling in Autodesk Inventor, G & M coding
- 4. Other: Aerodynamics, robotics, rockets, airfoils
- 5. Environments: Ubuntu, Kali, OSX, Windows
- 6. Interests: Simulation, AI, Cybersecurity, Robotics

Activities: Robotics Software Mentor (Team 79) Since Spring 2013 Cybersecurity Pilot Program at Sypris Summer 2011 Cybersecurity Competition Mitre Summer 2012 Piano, Archery

Github - <https://github.com/avecchio> References - Available upon request