

Austin Mitchell Vecchio

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Education:

Undergraduate: Kettering University, Flint, MI
Majors: Computer Science & Bioinformatics
Minors: Systems & Data Security / Computer Engineering
Status: Senior 3 B-Section (Expected Graduation Date: July 2017)

Work Experience:

- HelloWorld: (Southfield, Mi) January 2015 - Present
 - Backend web development & Data Mining
- Mitre Corporation: (Tampa, FL) June 2012 - September 2014
 - Updated D3JS mediawiki extension
 - Constructed snapshot ozone widget to manage screen captures and associated metadata
 - Created ruby on rails application to operate wrappers for command line tools

Skills:

- Programming:
 - Scripting - C/C++, Lua, Go, Haskell, Perl, Python, Ruby, PHP, Java, Coffeescript/Javascript, Sass/Css, Mysql/Mongo, G & M
 - Frameworks - Fog, D3js, Angular, Nodejs, Rails, Sinatra, CakePHP
 - Tools - Docker, Packer, Mercurial, Chef, Git, Vim, Vagrant, L^AT_EX, Kali, Labview, Autodesk Inventor
 - Hardware - Raspberry Pi, Arduino
- Relevant Courses: Artificial Intelligence, Genetics, Computer Architecture
- Interests: Simulation, Artificial Intelligence, Cybersecurity, Robotics, Bioinformatics

Involvement:

- Honors - Spot Award (Internal MITRE)
- Organizations - Beta Theta Pi, First Robotics, Pledge of the Computing Profession
- Volunteering - First Robotics, Adopt A Pet, Flint Brush Up
- Conferences - Beta Convention(2014-2016)

Research:

- Automated Web Testing
- Machine Learning for NES Game Playing
- Constraint Satisfaction Problem for Registration
- Triangulation as a Search Problem

Github - <https://avecchio.github.io>

References - Available upon request