Austin Mitchell Vecchio

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Education:

Undergraduate: Kettering University, Flint, MI
Majors: Computer Science & Bioinformatics
Minors: Computer Engineering / Systems & Data Security
Status: Senior 2 B-Section (Expected Graduation Date: May 2017)

Work Experience:

- HelloWorld: (Southfield, Mi)   January 2015 - Present

  ○ Backend web development
  ○ Data Mining & System Automation

- 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, LaTeX, 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
- Universal Scheduling
- Triangulation as a Search Problem

Website - https://avecchio.github.io
Github - https://github.com/avecchio
References - Available upon request