

Austin Mitchell Vecchio

4540 71st Avenue North / Pinellas Park, FL 33781

(c)727-252-3418 / au.vecchio@gmail.com

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
 - Thesis
 - 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 - Crystal, C/C++, Lua, Go, Haskell, Perl, Python, Ruby, PHP, Java, Coffee-script/Javascript, Sass/Css, Sql/Mongo, G & M
 - Frameworks - Gulp, Fog, D3js, Angular, Nodejs, Rails, Sinatra, CakePHP
 - Tools - Bower, Npm, Docker, Packer, Mercurial, Chef, Git, Vim, Vagrant, Labview, L^AT_EX, 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
- Course Scheduling
- Logistics Scheduling
- Triangulation as a Search Problem

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