

# 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 - Crystal, C/C++, Lua, Go, Haskell, Perl, Python, Ruby, PHP, Java, Coffee-script/Javascript, Sass/Css, Mysql/Mongo, G & M
  - Frameworks - Fog, D3js, Angular, Nodejs, Rails, Sinatra, CakePHP
  - Tools - Docker, Packer, Mercurial, Chef, Git, Vim, Vagrant, L<sup>A</sup>T<sub>E</sub>X, 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
- Course Scheduling
- Logistics Scheduling
- Triangulation as a Search Problem

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