

# Austin M. Vecchio

SOFTWARE ENGINEER · ROBOTICS ENTHUSIAST

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## Education

### Kettering University

Flint, Michigan

B.S. IN COMPUTER SCIENCE & B.S. IN BIOINFORMATICS

Oct. 2012 - June. 2017

- Minored in Computer Engineering
- Notable Coursework: Artificial Intelligence, Computer Architecture

## Skills

<b>Scripting</b>	C, Java, Python, Go, Ruby, Perl, C, <del>TeX</del> , Typescript/Javascript, Labview, Assembly
<b>Frameworks</b>	.Net Entity, Rails, Vue, Angular 5, Selenium, Gulp, D3js, Fog, Flask, Sinatra
<b>Tools</b>	Git, Visual Studio, Vim, Vagrant, Mercurial, Chef, Puppet, GCC, Wireshark, Nmap
<b>Data Storage</b>	MySQL, MongoDB, Redis, Microsoft SQL
<b>Hardware</b>	Raspberry Pi, Arduino
<b>Administrative</b>	Agile Methodologies

## Experience

### Kunz Leigh & Associates

Okemos, Michigan

FULL STACK DEVELOPER

June. 2017 - Present

- Implemented several modules and engineered custom features for the Railroad Information System (RRIS) using C#, Microsoft SQL and Angular 5. The Railroad Information System is both a web application for administrative work and a field application for railroad inspectors for the Public Utilities Commission of Ohio.

### HelloWorld

Southfield, Michigan

SOFTWARE ENGINEER COOP

Jan. 2015 - March 2017

- Developed an application to augment ui testing for the Quality Assurance team using Ruby on Rails and Selenium.
- Engineered custom solutions to meet client needs such as: Johnson & Johnson, Kraft, and Mondelez.
- Performed data acquisition and reporting.

### The MITRE Corp

Tampa, Florida

SOFTWARE ENGINEER COOP

June 2012 - Sep. 2014

- Enhanced a baseline of D3JS mediawiki extensions for an internal suite of corporate management tools.
- Built a micro web application to manage collected analyst artifacts as part of a suite of tools using Java servlets.
- Demonstrated the usage of a vendor security suite to a client.
- Assembled a Ruby on Rails application to interface with command line tools for geospatial analysts.

## Extracurricular Activity

### FIRST Robotics

Michigan, New Hampshire

FIRST TECHNICAL ADVISOR, CONTROL SYSTEMS ADVISOR, ROBOT INSPECTOR

Jan. 2015 - PRESENT

- Coordinate and communicate with all key volunteers on all relevant aspects of the event.
- Assist teams with technical issues on-field.
- Be aware of problems that arise and be ready to take steps to quickly diagnose and correct.

### Beta Theta Pi

Oxford, Ohio/Michigan

ALUMNUS/ADVISOR

Jun. 2014 - PRESENT

- Conventions Attended: 2014-2018
- Advisor of Finance: Advised the treasurer in all financial related matters for the chapter.

### Pledge of the Computing Profession

Kettering University

ACTIVE MEMBER

Dec. 2015 - PRESENT