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

Coursera   *Online*

Certificate of Completion for Machine Learning   *March. 2018 - June. 2018*

Experience

Kunz Leigh & Associates   *Okemos, Michigan*

Full Stack Developer   *June. 2017 - Present*

- Developed the Railroad Information System (RRIS) using C#, Microsoft SQL and Angular. The Railroad Information System is both a web application for administrative work for the Public Utilities Commission of Ohio.
- Prototyped an as a service model for the Railroad Information System using Angular 6 and Google Firebase.

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.
- Built backend systems for customer engagement platforms using perl and MySQL..
- Performed data acquisition and reporting using a combination of Pentaho and MySQl.

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.

Skills

Scripting	C, Java, Python, Go, Ruby, Perl, C, LaTeX, Typescript/Javascript, Labview, Assembly
Frameworks	.Net Entity, Rails, Vue, Angular 6+, Selenium, Gulp, D3js, Fog, Flask, Sinatra
Tools	Git, Visual Studio, Vim, Vagrant, Mercurial, Chef, Puppet, GCC, Wireshark, Nmap
Data Storage	Firestore, MySQL, MongoDB, Redis, Microsoft SQL
Services	Firebase
Hardware	Raspberry Pi, Arduino
Administrative	Agile Methodologies

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.