

Austin M. Vecchio

SOFTWARE ENGINEER · ROBOTICS ENTHUSIAST

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Education

Kettering University

Flint, Michigan

B.S. IN COMPUTER SCIENCE

Oct. 2012 - Jun. 2017

- Minored in Computer Engineering and Bioinformatics
- Notable Coursework: Artificial Intelligence, Computer Architecture, Organic Chemistry

Skills

Scripting	C/C++, Java, Python, Ruby, Perl, \LaTeX , Coffeescript/Javascript, Labview, Assembly
Frameworks	Rails, ReactJS, Angular, Selenium, Gulp, D3js, Nodejs, Fog, Flask, Sinatra, Jruby
Tools	Git, OpenCV, Vim, Vagrant, Mercurial, Chef, Puppet, GCC, Wireshark, Nmap
Data Storage	MySQL, MongoDB, Redis
Hardware	Raspberry Pi, Arduino
Practices	Agile Engineering (SCRUM)

Experience

Kunz Leigh & Associates

Okemos, Michigan

FULL STACK DEVELOPER

June. 2017 - PRESENT

Nova Computing

Pontiac, Michigan

SOFTWARE ENGINEER

November. 2016 - PRESENT

- Engineered a full stack web application in Ruby on Rails to serve remote VNC sessions.
- Designed the architecture for deployment and maintenance of new systems.
- Consulted on best practices for software development in a startup environment.

HelloWorld

Southfield, Michigan

SOFTWARE ENGINEER COOP

Jan. 2015 - March 2017

- Developed a framework to augment ui testing for the Quality Assurance team as part of the Kettering Thesis leveraging Ruby on Rails and Selenium.
- Acted as the primary software engineer building custom solutions for production projects.
- Performed data extraction and analytics for client 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.
- Constructed a sample web application to demonstrate the capabilities of a vendor security suite.
- Assembled a Ruby on Rails application to interface with command line tools for geospatial analysts.

Extracurricular Activity

FIRST Robotics

Michigan Districts

FIRST TECHNICAL ADVISOR ASSISTANT, CONTROL SYSTEMS ADVISOR, ROBOT INSPECTOR, & MENTOR

Jan. 2015 - PRESENT

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- Ensure that all robots inspected follow all safety guidelines and game rules.
- Assist teams in troubleshooting electrical, hardware or software issues.

Beta Theta Pi

Oxford, Ohio/Flint, Michigan

ACTIVE MEMBER

Jun. 2014 - PRESENT

- Conventions Attended: 2014-2017
- Brotherhood committee: Assisted in conflict resolution and organized brotherhood events.

