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*

• Minoring in Computer Engineering & Data Security

Kettering University *Flint, Michigan*

B.S. IN BIOINFORMATICS *Apr. 2012 - Jan. 2018*

Skills

Scripting C, Python, Perl, Ruby, Java, Coffeescript/Javascript, MySql/Mongo, Assembly

Frameworks Flask, Gulp, Fog, D3js, Angular, Nodejs, Rails, Sinatra, Jruby

Tools Mercurial, Chef, Git, Vim, Vagrant, Labview, LaTeX, Wireshark, Nmap, Autodesk Inventor, Excel

Hardware Raspberry Pi, Arduino

Experience

Nova Computing *Southfield, Michigan*

SOFTWARE ENGINEER *November. 2016 - PRESENT*

• Built web portal wrapper around NoVNC

HelloWorld *Southfield, Michigan*

SOFTWARE ENGINEER COOP *Jan. 2015 - PRESENT*

• Built framework to conduct automated web testing.
• Custom solutions for promotional products.
• Data extraction & analytics

The MITRE Corp *Tampa, Florida*

SOFTWARE ENGINEER COOP *June 2012 - Sep. 2014*

• Improved upon D3js mediawiki extensions.
• Built tool to manage artifacts collected in a software suite.
• Constructed sample application to demonstrate vendor capabilities.
• Designed a web interface for a suite of command line tools.

Extracurricular Activity

FIRST Robotics *Michigan Districts*

CONTROL SYSTEMS ADVISOR, ROBOT INSPECTOR, FIELD RESET & MENTOR *Jan. 2015 - PRESENT*

• Ensure that all robots inspected follow all safety guidelines and game rules.
• Assist teams in troubleshooting electrical, hardware or software problems.
• Mentored Teams: 573 (Mech Warriors), 6086 (Devil Bots)

Beta Theta Pi *Oxford, Ohio/Flint, Michigan*

ACTIVE MEMBER *Jun. 2014 - PRESENT*

• Conventions Attended: 2014-2017

Pledge of the Computing Profession *Kettering University*

ACTIVE MEMBER *Dec. 2015 - PRESENT*