# Objective

My overall objective is to gain knowledge, expand my horizon, and use the skills I already possess to benefit the group or company that gives me the chance to excel and grow in their environment.

# Experience

## Undergraduate Web Developer at FAPRI-MU Nov. 2014 - Current

I am responsible for the maintenance of the database for FAPRI-MU risk simulator web tool. I am also responsible for the layout and a great deal of the scripting of the web tool. We use a MySQL server along with PHP to develop the back end and HTML5, JavaScript, Ajax, and jQuery to create the front end of the application. I’m also responsible for installing any new software we acquire on all the computers on our network. Here is the link to web application <http://www.fapri.missouri.edu/Tool/budget.php> but it is still in development stages

## Evans Scholarship House Tech Chair Jan. 2014 – Current

I am responsible for connecting every new scholar to the houses network and keep the all the relevant house technologies up and running.

## Norwood Hill Country Club Caddy March 2008 - Current

I am an honor caddy at Norwood Hills. In short I carry a golfer’s bag, inform them about the ins and outs of the courses, and give them tips and suggestions about how to go about playing their golf shots.

## National Science Foundation | Research for Undergrads May 2015 – July 2015

I researched communication in emergency situations and how to improve coordination and communication in these situations. Started development on an incident command system that connects with wearable technologies and other Internet of Things application.

## Peer Learning Assistant | Python Aug 2015 – current

I assist the INFOTC1040 teacher in grading students work and helping the students that request help on anything that relates to the course material.

## Research Experience for Undergrads | R&D May 2015 – Aug 2015

This was a program sponsored by the National Science Foundation that gets undergraduates involved in research and development. My section was based in consumer network technologies and my group decided to developed a web dashboard / Intelligent dashboard that integrated wearable technologies to improve coordination and communication during emergency situations. There are many other parts to this application that are in progress such as supply track, and geolocation just to name a few. I can elaborated more in a conversation if necessary.

# Education

## University of Missouri – Columbia Aug. 2012 - Current

I am currently a Senior perusing a Computer Science major with a 2.9 GPA (should be at a 3.0 after this semester). I am an Evans Scholar and a Gate Millennium scholar here. With the help of the Bill and Malinda Gates foundation, I plan to attend Graduate school here at the University of Missouri – Columbia and get a masters degree in computer science.

# Skills

Web Development Languages: PHP, HTML5, CSS3, AJAX, jQuery, Bootstrap, JavaScript, SQL, JSON and any well-documented web tools.

Software Development: C, currently learning Swift and Java with the help of the Treehouse program and the university classes, can use documentation to figure things out relating to Python.

DBMS: MySQL and PostgreSQL.

Documentation Reading: Able to self teach myself with documentation and resources.

Please visit my online resume to learn more about me.

Link: markvassellcs4830.xyz/resume/