

## Education

### Missouri University of Science and Technology

Expected Graduation Date: December 2019

Undergraduate Computer Science Major, ABET Certified Program, 3.28 GPA

Member of Missouri S&T Honors Academy

Alumni of Missouri S&T Chancellor's Leadership Academy

Technical Lead on team Floorg for the BetterMST Competition

Avid participant (and sometimes finalist) in university AI competitions

Studied abroad in Ireland during Fall 2017

## Work Experience

### IT Operations Provider

April 2014 - Present

Big Country BG (Abilene, TX - <http://bigcountrybg.com>)

Brought entire business online with multiple business-critical services including web hosting, email, DFS, active directory and more.

Created a "web hub" in PHP for employees to connect with the company in the field. Automated most maintenance and anti-malware efforts through custom powershell scripts and watchdogs and client security models

### Student Technical Assistant

May 2016 - Present

IT Research Support Services, Missouri S&T

(Rolla, MO - <http://itrss.mst.edu>)

Improved campus digital signage system in C++ using the GTK framework on a custom Linux distribution. Interfaces with Lumen through REST API to dynamically show content with live update system. Created documentation and help videos for users without a technical background.

### Program Analysis and Application Development Intern

Summer 2016, 2017

The Boeing Company, IT Finance Systems and Service Desk Operations

(St. Louis, MO and Bellevue, WA)

Rebuilt performance management system used by foremen on factory floor in C#, ASP.Net. Utilized SQL query optimizations and MVC to greatly reduce load times of previous application. Provided escalation management and reduction solution to users of the Enterprise Help Desk.

## Top Technologies

- C# (Desktop, ASP)
- C++
- SQL
- HTML/CSS/JS
- PHP
- Python

## Other Experience

NASM / x86 Assembly  
Mobile Development  
GTK+ Framework  
Laravel  
Git  
UNIX/Linux  
Rest API's  
UI/UX Development  
Adobe CC

## Other Interests

Classically trained pianist  
Volunteer at local tennis association  
Semi-Fluent in Spanish  
Peer tutor in computer science subjects