

Education

Missouri University of Science and Technology

Expected Graduation Date: Dec. 2019

Undergraduate Computer Science Major, ABET Certified Program, 3.29 GPA

Member of Missouri S&T Honors Academy

Alumni of Missouri S&T Chancellor's Leadership Academy

Technical Lead on team Floor9 in the BetterMST Competition

Member of Miner Aviation Design Team

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, enterprise networking and more. Created numerous small self-contained web applications to help with day-to-day operations. Automated most maintenance and anti-malware efforts through strong security models and powershell watchdogs.

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 Laravel through a 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 foreman 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 inside Service Desk Operations.

Languages

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

Other Experience

x86 Assembly Laravel
Git GTK+ Framework
Redis npm and yarn
Video Production
MySQL and MariaDB UI/UX Development
REST API's Adobe CC

Other Interests

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