Ben Giles

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http://bengiles.me

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

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 using a custom embedded OS. Created documentation and help videos for users without a technical background.

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.

Software Development Engineer Intern   Summer 2018

Amazon.com Inc. - Amazon Consumer Payments
(Seattle, WA)

Built metrics gathering and displaying system for department. Front-end is Angular, back-end is Node.js Typescript, solution is serverless and deploys to AWS.

Languages

- C#
- C++
- ANSI C
- SQL
- HTML/CSS/JS
- Typescript
- PHP
- Python
- Lisp

Other Experience

x86 Assembly   Laravel
Git   GTK+ Framework
Redis   Gulp, Grunt, Webpack
Video Production
MySQL and MariaDB   UI/UX Development
Adobe CC   REST API's   AWS

Other Interests

Clasically trained pianist

Volunteer at local tennis assocation

Semi-fluent in Spanish, Irish

Peer tutor in computer science subjects