Jacob Tucker

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**Skills/Capabilities/Expertise**

**Languages:** JavaScript, HTML, Java, Python, C++, C

**Frameworks/Platforms:** Angular, Spring Boot, Pug, Firebase, Gulp, SASS

**Operating Environments:** Linux, MS Windows

**Business Tools:** Vim, IntelliJ, Eclipse, Android Studio, JIRA, Rally, Excel

**Education**

**The University of Alabama**, Tuscaloosa, AL

Master in Business Administration, May 2019

Concentration: Business Analytics

GPA: 4.0/4.0

**The University of Alabama**, Tuscaloosa, AL

Bachelor of Science in Computer Science, May 2018

Bachelor of Science in Mathematics, May 2018

Specialization: Mathematical Statistics

GPA: 4.0/4.0

**Work Experience**

**84.51 Degrees,** Cincinnati, OH **May 2018-August 2018**

Developer Intern

* Created a web application enabling data scientists to create ephemeral development environments utilizing cloud resources
* Integrated automated testing into the continuous integration pipeline
* Proved feasibility of project work using Angular 6 and mono-repository patterns

**May 2017-August 2017**

* Crafted a customized, real-time interview platform to replace a third-party solution and cut interview costs by 50%
* Advised engineering teams using best practices of the development stack
* Streamlined software test procedures increasing code coverage while decreasing execution time

**Oasis International Ministries,** St. Louis, MO **May 2015-August 2015**

Web Development Intern

* Individually developed a web application to manage donations and deliveries for refugees in the St. Louis Area
* Updated and deployed the application frequently according to a consistent product release cycle
* Communicated with leadership to establish clear, quantifiable, and attainable objectives

**Oasis Digital Solutions Inc.,** St. Louis, MO **May 2014-August 2015**

Web Development Intern

* Trained and directed five first-year interns in company operating procedures and project development
* Expanded two web applications used actively by clients alongside senior developers using an Agile methodology
* Developed an exploratory rules-based online configurator application to demonstrate company capabilities to potential clients

**Honors/Leadership/Activities**

**Member:** STEM Path to the MBA, Association for Computer Machinery, Alpha Kappa Psi Professional Business Fraternity, University of Alabama Honors College

**Honors:** Summa Cum Laude, Presidential Scholarship Recipient, Engineering Leadership Scholarship Recipient, Lions International Scholarship, Glory of Missouri Award, President’s List (4), Dean’s List (5)