

RELEVANT EXPERIENCE

BMW Digital and Mobile Co-op

BMW Group @ Greenville, SC

3rd Rotation: January - May 2019

- Going to be learning tons about Kubernetes, Docker and Amazon Web Services while on the infrastructure team.
- Migrated proxy endpoints for microservices with AWS.
- The team is providing infrastructure support to 4 successful projects, each with 5 or more microservices to also host.

2nd Rotation: May - August 2018

- Led 4 people to test and develop automated test scripts for a complex web application.
- Gathered and handled new ideas and information from the team to improve the way the team tests web/mobile applications.
- Provided and proved a better flow for the test team in how to develop and document tests to allow more creative thought from the test engineers.
- Molded new interns and full time developers to be creative and motivated test engineers.
- Finished development of automated test scripts for a major feature of the BMW Connected mobile application.

1st Rotation: August - December 2017

- Implemented a major feature to be added into the main BMW mobile application with a software engineering team comprised of 8 people. Developed this feature in Angular 4 with Test-Driven Development.
- Improved 3 different micro-services for the major feature using ExpressJS.
- Designed and developed the end-to-end automated testing library for the major feature.
- Pioneered and created an automated testing stack to run automated tests on both iOS and Android simultaneously using Protractor and Appium.

VR and AR Creative Inquiry Research laurastanley.strikingly.com

Clemson University's Human Interaction Lab @ Clemson, SC

January 2018 - May 2018

- Designed a way to sync data coming from bio-pack systems and the virtual reality experience in order to measure and hypothesize based on the data recorded.

Tiger Band Website

clemson.edu/tigerband

Clemson University Tiger Band @ Clemson, SC

January 2017 - Present

- Designed and developed a completely new website for Tiger Band, Clemson University Drumline, and Clemson University Tiger Band Association.
- Completed the website with a team of 3 students
- Git hub: github.com/GusTheBusNG/tigerbandwebpage

EDUCATION

Bachelor of Science in Computer Science

Minor in Business

Administration

Clemson University

Clemson, SC Spring 2021

GPA: 3.88/4.00

Skills

Programming Languages

TypeScript / JavaScript,
Java, C, C++, HTML / CSS,
PHP, MySQL, ARM

Frameworks / Libraries

Protractor, Appium,
Angular 4, ExpressJS,
NodeJS, Docker, React

Tools

Bash, Git, Postman, AWS,
Unity, Adobe Xd

Achievements

Eagle Scout BSA

- June 2015

National Finalist Technology Students Association

- Summer 2016

President's List Clemson University

- Fall 2016 & Spring 2018

Dean's List Clemson University

- Spring 2017 & Fall 2018

Trumpet Section Leader

Tiger Band

- Fall 2018

Assistant Site Leader

Salkehatchie Summer Service

- Summer 2017 & 2018

Projects

Camp Registration WebApp

BSA Camp

- 2015 - 2016

Personal Website

- Summer 2018