

## 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](http://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](http://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](https://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