Nicholas Gustafson

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RELEVANT EXPERIENCE

BMW Digital and Mobile Co-op
BMW Group @ Greenville, SC
- 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.
- August 2017 - December 2017
- May 2018 - Present

VR and AR Creative Inquiry Research
Clemson University's Human Interaction Lab @ Clemson, SC
- 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.
- Coordinated with the project leads on which virtual reality experience will be most effective to relax the patient undergoing surgery.
- January 2018 - May 2018
- laurastanley.strikingly.com

Tiger Band Website
Clemson University Tiger Band @ Clemson, SC
- 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
- January 2017 - Present
- clemson.edu/tigerband, clemson.edu/drumline, and clemson.edu/cutba

TSA National Competition
Dutch Fork High School @ Irmo, SC
- Designed and developed a web application for registration purposes at Camp Old Indian with 2 other students
- Handled 1000s of scouts with 1000s of courses with advancement features and multiple user interfaces
- Technology Students of America National Competition: National Finalist, 7th Place; State Competition: 1st Place
- Inaugural software engineering competition for Dutch Fork High School
- November 2015 - July 2016

EDUCATION

Bachelor of Science in Computer Science
Minor in Business Administration
Clemson University
Clemson, SC   Spring 2020
GPA: 3.94/4.00

Skills

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

Frameworks / Libraries
Protractor, Appium, Angular 4, ExpressJS, NodeJS, Docker

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

Achievements

Eagle Scout *BSA*
- June 2015

President's List *Clemson University*
- Fall 2016

Dean's List *Clemson University*
- Spring 2017 & 2018

Trumpet Section Leader
Tiger Band
- Fall 2018

Assistant Site Leader
Salkehatchie Summer Service
- Summer 2017

Hobbies

Hiking, Anything to deal with water, Playing trumpet, Learning how to become more intrinsically motivated, Making things with the best people in their craft