

Jack C. McElhinney

843-670-9959 | jcmcelh@g.clemson.edu

CAREER OBJECTIVE

An internship or research opportunity that will allow me to utilize my problem solving skills and attention to detail to further develop my abilities in the field of computer science.

EDUCATION

CLEMSON UNIVERSITY, Calhoun Honors College, Clemson, SC

Bachelor of Science in Computer Science

Minor in Business Administration

Anticipated December 2020, current GPA: 4.0

ACADEMIC MAGNET HIGH SCHOOL, Charleston, SC

(Ranked #11 in national high-school rankings by U.S. News & World Report)

Diploma 2017, GPA: 3.8

WORK EXPERIENCE

Blackbaud, Charleston, SC

Software Engineer Summer Intern | 2018, 2019

Worked on a core services development team to create new functionality that other teams throughout the company use for the development of various products. Specific tasks include:

- Full stack UI configuration service that preserves the state of movable and collapsible tiles across sessions
- Notification services to provide a standard way for products to deliver notifications to users in real time
- Custom image selector with resizing and cropping
- Addressed bugs from issue backlog

Good Done Great, Charleston, SC

Software Engineer Summer Intern | 2015, 2016, 2017

Worked on an Agile development team to fix bugs and develop new features in Good Done Great's workplace giving and volunteering application for small and medium-sized businesses with increasing responsibilities each year. Significant accomplishments include:

- Participated in standups and provided estimates for my work assignments
- Researched, selected, and implemented new graphing component
- Developed new log-on feature to support multiple company email domains
- Built an expand/collapse function on description fields
- Learned Ionic and worked with a team of two others to create new mobile application
- Mentored new interns

PROJECTS & ACTIVITIES

- Greater Good Hack-a-thon. Worked with a small team to build a web app for a Greenville, SC, nonprofit, Mill Village Farms who needed a contact management tool to track their constituents work assignments. The team utilized Laravel and PHP to develop an MVP version within a 24-hour period.
- Placed 2nd in Clemson AWS Cloud-a-thon. Worked on a team of 4 to design and develop a smartphone app that uses Rekognition to identify objects in front of the camera to assist the visually impaired.
- High School Senior Thesis. Created a child sexual abuse prevention app, 5 Steps to Prevention, for a Charleston-based nonprofit, Darkness to Light.

SKILLS

JavaScript, AngularJS, Angular, HTML, Java, C, C++, C#

COURSEWORK

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|-----------------------------------|------------------------|---------------------------|
| • Algorithms & Data Structures | • Software Engineering | • Artificial Intelligence |
| • Human and Computer Interaction | • Network Programming | • Operating Systems |
| • Design & Analysis of Algorithms | • Linear Algebra | • Programming Systems |