ROBERT PAUL CARFF

COMPUTER ENGINEER

@ rpcarff@gmail.com
\$ 858-208-7867
■ 1905 Village Crossing Dr, Charleston, South Carolina
P Charleston, South Carolina
P https://robbycarff.github.io/
● @rpcarff



EXPERIENCE

DevOps Engineer

University of South Carolina's Center for Digital Humanities

February 2018 - Ongoing

♥ Columbia, South Carolina

- Identified critical bottlenecks with the current single-machine cloud based architecture.
- Designed and implemented a new cloud-based architecture to provide security, support a high turnover rate, maintain legacy projects, and provide room for new research and development.
- Introduced Jenkins to begin the installment of a CI/CD Pipeline.

Aquatics Director

Daniel Island Home owners Association

May 2016 - August 2018

- ♥ Charleston, South Carolina
- Managed a team of 15 lifeguards and swim instructors.
- Conveyed detailed information regarding the state of two pools and three pavilions to our contracted maintenance partners.
- Designed a curriculum for eight, one-week long summer camp sessions.

PROJECTS

The Path most Traveled

University of South Carolina, Capstone Project

August 2018 - May 2019

- Created a diverse application testing portfolio to use in active-development.
- Utilized Firebase and Google Maps API to drive app development.

https://sccapstone.github.io/ThePastMostTraveled/

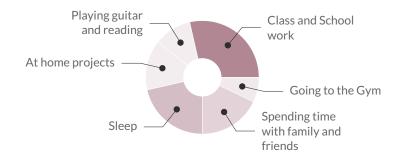
Job Scraper

Hobby

September 25 - Ongoing

Created an open source platform that leverages Zillow's and Glassdoor's API to create descriptive charts relating the job market and housing market. Planning to create an interface for interactive use.

A DAY OF MY LIFE



ACTIVITIES

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Association for Computing Machinery

Lead discussions and lectures on IoT, Sensors, micro controllers, and general hardware

ACHIEVEMENTS

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Eagle Scout

Attained Boy Scoutings highest honor

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ACM Spring Codeathon

Placed third

Google Cloud Coursera Certified

Completed Coursera's Google Cloud Architect specialization

STRENGTHS

Motivator & Leader | Hard-working

Open minded | Adaptable

Community Outreach

Computer Architecture

Embedded Systems Micro-Controllers

Docker Google Cloud

LANGUAGES

Python Python

C++

EDUCATION

B.S. Computer Engineering University of South Carolina

Emphasis on embedded systems and cyber security.

PUBLICATIONS

Journal Articles

• Carff, Robert (2019). "The creation of my resume". In: *My Laptop* 43 (3), pp. 1–5.

REFEREES

- @ University of South Carolina

Address Line 1 Address line 2

- @ University of South Carolina
- @email.sc.edu

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