Cameron Cuff

dev.ctcuff@gmail.com ctcuff.github.io GitHub Linkedin

Education

University of Central Florida | B.S. Computer Science

Expected Graduation Date: Fall 2021

Skills

Javascript, Python, Java, HTML, CSS, Git, NodeJS, React, Vue, MongoDB

Work Experience

Web Applications Developer - UCF Center for Distributed Learning September 2019 - Present

- Worked on a Python API that allows faculty and staff to programmatically access grades, assignments, users, and other resources for their courses.
- Contributed to an open source Learning Management System that assists instructors in developing rich and interactive course content for students.
- Helped to ensure test coverage of 100% is maintained throughout development.

Software Engineering Intern - Visa May 2020 – July 2020

- Pitched a business proposal to executives that accelerates the movement towards a cashless society.
- Worked in a team to build a website using the MERN stack. Incorporates Visa payment APIs to help merchants transition to online payments.
- Participated in daily team Scrum meetings to ensure project deadlines were met on time.

Projects

UCFParking-API

- Designed an API and website that returns a JSON response containing information about each parking garage. Data is automatically added to a database every hour and can be visualized with a line graph.
- Hosted on Heroku built with Python, Vue, JavaScript, Docker, and a MongoDB database.

Live Code

- A website that allows multiple users to write code online collaboratively in real time using sockets.
- Hosted on GitHub pages and Heroku with a backend in NodeJS. Utilizes Vue, JavaScript, and Google Firebase authentication.

MotionPy

- A motion detection system running on a Raspberry Pi 3. When motion is detected, a picture is saved and a notification is sent to an Android app.
- Server is running on a Raspberry Pi 3 using Python, Android app built using Java and Kotlin, images saved to a Firebase database.