Cameron Cuff

Software Engineer

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EDUCATION

University of Central Florida, Orlando FL

B.S. Computer Science

August 2018 - May 2022 (Expected)

WORK EXPERIENCE

Web Applications Developer

UCF - Center for Distributed Learning

September 2019 - Present, Orlando, FL

- 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

Microsoft

May 2021 - August 2021, Redmond, WA

- Incoming

Software Engineering Intern

Visa

May 2020 - July 2020, Foster City, CA

- 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.

SKILLS

Languages: JavaScript, Python, Java, SQL, HTML, CSS

Technologies: Firebase, Git, Heroku, Docker, MongoDB, React.js, Redux, Vue.js, Node.js

PROJECTS

UCFParking

Javascript, Python, Vue.js, MongoDB, Heroku, Docker

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. Currently has over 15,000 entries.

LiveCode

Javascript, Vue.js, Heroku, Node.js

A website hosted on GitHub Pages that allows multiple users to write code online collaboratively in real time using sockets.

MotionPy

Java, Kotlin, Python, Heroku, Firebase

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.
Data saved to a Firebase database in real time.