Taniya Shaffer
Software Developer

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Education

B.S. Computer Engineering, *University of Central Florida* Expected Graduation: **Dec'22**
GPA: **3.47**

Relevant Coursework
Data Structures & Algorithms 1, Object-Oriented Programming*, Linear Circuits 1*, Computer Organization*

Associations
Burnett Honors College at UCF **Jun'19 – Present**
Biomedical Engineering Society at UCF Executive Board Member: **Jan'19 – Dec'19**

Projects & Extracurriculars

COVID-19 Geolocation Tracker – ShellHacks Hackathon 2020 **Sept'20 – Sept'20**
Front End Developer, Project Manager
- Led a team of 4 students to create a web application from design to prototype using HTML, CSS, JavaScript, and mySQL stored on Google Cloud.
- Developed website interface to make the application user-friendly which resulted in the symptom tracker being straightforward.

Pac-Man – a Class Project **Mar'20 – May'20**
Developer, Project Manager
- Led a team of 3 students from design to production to code a simple pac-man game using C++ and SFML.
- Designed a UML class diagram to show relationships between classes and offer structure to the program which allowed for streamlined production.

Ready, Set, Queue! – a Personal Project* **Dec'19 – Present**
Full Stack Developer
- Coded the frontend in JavaScript to produce a frontend space for user interaction
- Coded the backend in python to create multiple queues and RNG for the web app's functionality
- Drafted development timeline and outlined API requirements to ensure steady production for this web app that will help people choose how to spend their recreation

Experience

UCF BRaIN Lab – Orlando, FL **Dec'18 – Dec'19**
Undergraduate Research Student Assistant
- Coded a python script that filtered EMG data and plotted them as several analysis graphs to determine if inducing perturbations would assist in rehabilitation for older adults
- Co-authored a paper presented at the Society for Neuroscience 2019 conference

Key Skills

Languages C, C++, Python, Java, HTML, CSS, JavaScript
Software IntelliJ, Git, MATLAB, Microsoft Office, VSCode
Operating Systems Windows, Linux

Traits Communicative, Determined, Diligent, Detail-Oriented, Team-Oriented

*In progress