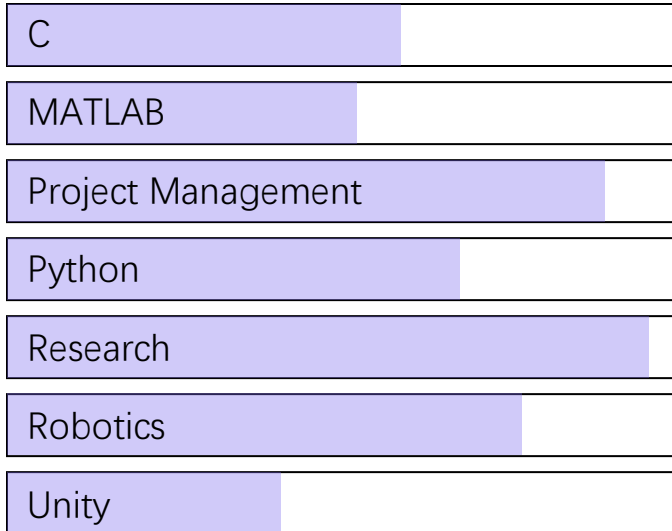


# Taniya Shaffer

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## Proficiency in Key Skills



## Education

### Computer Engineering B.S., May 2022

University of Central Florida, GPA: 3.53

## Experience

### Undergraduate Research Student Assistant

UCF BRaIN Lab, Orlando, FL (12/18 – Present)

- Coded a python script that filters EMG data and plots them as several analysis graphs
- Co-authored a paper presented at the Society for Neuroscience 2019 conference

## Associations

### Burnett Honors College at UCF

- Awarded 2 scholarships to study abroad in Egypt for the spring 2020 semester

### Biomedical Engineering Society (BMES) at UCF

Treasurer (19-20)

- Wrote a proposal that awarded the club a \$3k grant from NASA Florida Space Consortium

## Projects

### Paving the Way Foundation

Data Analyst Volunteer (11/19-Present)

- Worked with qualitative feedback data to quantify effectiveness of outreach education program

### Self-Replicating Robot Project (SRRP)

Designer (08/18-11/18)

- Proposed and sketched the 1<sup>st</sup> sprint modular arms concept

### SECME Robotics Team

Team Captain (17-18)

- Placed 6<sup>th</sup> out of 30 for the SECME Olympiad Vex Robotics competition
- Managed a 5-person team while being lead designer for the 2017-2018 robot

### Lucid Dreaming

Gameplay Programmer (17-17)

- Pitched and created a 2D side-scrolling game in under 48 hours on a 2-person team

### PTSD and Art Therapy: A Meta-Analysis

Student Researcher (16-17)

- Showcased award-winning meta-analysis on the efficacy of art therapy for PTSD patients at FIU's 2018 Undergraduate Research Conference