

Taniya Shaffer

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Key Skills

Proficiency

Robotics	● ● ● ● ○
Python	● ● ○ ○ ○
Arduino	● ○ ○ ○ ○
Unity3D	● ● ● ○ ○
Project Management	● ● ● ● ●
Research	● ● ● ● ●
Adobe Photoshop	● ● ● ● ○

Education



Computer Engineering B.S.

University of Central Florida (Ant. 2022)

High School Diploma

Felix Varela Senior High (2014-2018)

Work Experience



Waitress

Siam Bistro Thai & Vietnamese

Miami, FL (May 2012 – August 2016)

Extracurriculars & Projects

Team Captain

SECME Robotics Team – Felix Varela Senior High (2017-2018)

- Placed 6th out of 30 for the SECME Olympiad Vex Robotics competition
- Programmed robot for the 2016-2017 school year and competed in the Youth Fair Vex Robotics competition
- Managed a 5-person team while being lead designer for the 2017-2018 robot

Gameplay Programmer

GameDevKnights Game Jam (May 2017)

- Designed and pitched a side-scrolling game called Lucid Dreaming in under 48 hours
- Led a 2-person team as the sole programmer

Programmer

AP Physics 1 at Felix Varela Senior High (May 2018)

- Experimented with an Arduino Uno circuit by building a mini-fan that reacted to changes in room temperature

Meta-Analysis on PTSD and Art Therapy

AP Research at Felix Varela Senior High (2016-2017)

- Authored a research paper meta-analyzing current studies on the efficacy of art therapy for PTSD patients
- Won first place at the annual science & engineering fair
- Highlighted as an ideal meta-analysis paper by the College Board
- Showcased at Humboldt International University's Science Initiative

Project Manager

Hydroelectric Generator – Felix Varela Senior High (2016-2018)

- Placed 4th out of 27 for the SECME Olympiad FPL Generator competition (2016-2017)
- Managed a 3-person team while being the main builder for the generator