

## Education

### University of Central Florida

Summer 2018 - Fall 2023 (expected)

- Major: Physics & Computer Science
- Minor: Mathematics

## Experience/Projects

### UCF Physics Research - Programmer

May 2019 - Jan 2020

- Project that predicts states of matter given the geometry of a compound. I wrote the calculations for locating the atoms in space relative to each other. I also formatted and added documentation to the whole project.

### HuskyCore - Owner

June 2017 - April 2020

- Developed and maintained a gaming organization that served game servers for players across the globe to make friends and have fun. During its time, we grew to over 400 members.

### Doxsule LLC - CEO

January 2016 - July 2016

- Created a sports apparel clothing brand. In this venture, I learned the backends of business incorporation, and developing a product.

### Various Personal Projects (Sources on GitHub - [GitHub.com/VijayStroup](https://github.com/VijayStroup))

- I have many personal projects that cover a range of programming languages although mainly Python. My latest project entails a GUI application that monitors a rocket's sensors during the launch phase.

## Skills/Awards

### Technical Programming Languages/Tools

- Languages: Python, C++, Javascript, C, SQL, HTML5, CSS3
- Tools: Git version-control, Unix/Linux command line, Visual Studio Code

### Awards

- 3rd Place Hillsborough Regional Science & Engineering Fair (2012)
- Golden President's Education Awards Program (2011)
- 1st Place Pinecrest Elementary Science Fair (2011)
- 2nd Place Pinecrest Elementary Science Fair (2010)

### Soft Skills

- Communication, Curiosity, Adaptability, Organization

## About

### Interests

- Soccer player since 2 years old as well as volunteering to help disabled individuals play and love soccer.
- Started photography in late 2019
- Learning Sign Language