

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 an application I made to help people practice the computer science entrance exam at UCF.

Skills/Awards

Technical Programming Languages/Tools

- Languages: Python, C++, Javascript, C, SQL, HTML5, CSS3
- Tools: Git version-control, 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

Clubs/About

Clubs

- Robotics Club of Central Florida

Interests

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