Vijay Stroup

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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)
- I have many personal projects that cover a range of programming languages although mainly Python.
- My latest project entails an application I made that turns PDFs into audio files via a CLI.

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