Vijay Stroup

vijay@vijaystroup.com | (813) 421-0810

vijaystroup.com

github.com/VijayStroup

Education

University of Central Florida   **Summer 2018 - Fall 2022 (expected)**

- Major: Physics & Computer Science
- Minor: Mathematics

Experience/Projects

Disney Data Science (Source on GitHub)
Python

- Created models and graphs depicting different aspects of The Walt Disney Company. In these graphs, trends were shown as to what type of movies perform the best, as well as a model to show the best route to take at a Disney Park to minimize line wait time.

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.

vijaystroup.com (Source on GitHub)   **Python, JavaScript, HTML, CSS, JSON**

- Designed and created my personal website with the intention of simulating a terminal emulator. This design was inspired by my love for computers and tech. In version 2.0, I added a "normal" frontend, with the option to still go to the terminal emulator.

Offline Pass (Source on GitHub)   **Python, SQL**

- Constructed a password manager to keep passwords safe and easy to access, thus allowing you to create very strong passwords without having to memorize them.

Cupid (Source on GitHub)   **Python, SQL**

- Designed and created a Discord Bot that simulates a marriage system within players' servers to gain bragging rights in your server. Used as a tool to boost engagement in a given server.

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 I learned the backends of business incorporation, and developing a product.

Skills

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

Soft Skills
- 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