Vijay Stroup
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vijaystroup.com
github.com/VijayStroup

Education

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

- Major: Physics & Computer Science
- Minor: Mathematics
- 3.5 Cumulative GPA

Experience/Projects

UCF Physics Research (Private Source)   **May 2019 - Present**

- Project that predicts states of matter given the geometry of a compound. Using python, I wrote the calculations for locating the atoms in space relative to each other. I also format and add 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.

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

- Designed and created 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 an owner's server.

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