

## 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 - 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.

### 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.

## 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.

Vijay Stroup

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- Started photography in late 2019

[vijaystroup.com](http://vijaystroup.com)

[github.com/VijayStroup](https://github.com/VijayStroup)