Abrahan Nevarez

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Education

University of Central Florida   **December 2021**

B.S Information Technology

Relevant courses

- **COP 3502C**: Data Structures and Algorithms - Linked-lists, Tries, Backtracking, Binary Search Trees, Run time analysis, Stacks, Queues.
- **CIS 3360**: Security in Computing - Encryption, security techniques, and vulnerabilities.
- **COP 3330**: Object Oriented Programming - OOP design principals, and Java.

Skills

- **Languages**: Python, Go
- **Libraries & Frameworks**: Flask, Pandas, BeautifulSoup, Selenium, PySide2
- **Other**: Git, Ubuntu, Azure, PostgreSQL

Projects

UCF IT Discord Bot

- Utilized by 600+ UCF IT majors for various functionalities including: roles, daily events happening around UCF, and Major League Hacker hackathons.
- Generated job postings by webhooks to help aid in the job search process.
- Handled code tests, and establishing a standard for code formatting
- Led a small team to develop the bot, as well as mentoring new manatees.

Pokemon Battle Simulator

- Created a battle simulator written in Python that aims to allow users to battle against each other directly via IP addresses.
- Custom tools to allow users to add their own Pokemon.
- Allows a local-host battle to be commenced on the same machine, allowing users to simulate strategies before they battle others.

Gofetch

- Designed a REST API in Python that would serve as the backbone for a Flask website, command line interface tool, and Go discord bot.
- Deployed onto an Azure virtual machine and optimized to use the least amount of load possible.
- Integrated a database using PostgreSQL to be utilized across multiple different services.
- Included a CLI tool to do automate the process of the API.

Extracurricular

Marching Knights: Orlando, FL   August 2017 - January 2019

- Communicated with a section of 20 people to discuss plans for the Trombone section.
- Traveled with the Marching Knights to events and performed consistently at the highest standard.
- Learned various different styles of musics within a tight deadline.

Experience

Assistant Manager - **Fridas Freshmex and Cantina**: Ormond Beach, FL   December 2019 - Present

- Assisted in the creation of the restaurant from concept design to finished restaurant.
- Managed a work staff of over 20+ employees, and participated in day to day operations.
- Programmed food items and drinks into the point-of-sale system.