Jose Brouwer

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EDUCATION

Florida State University, Tallahassee, FL   **May 3rd, 2024**
Bachelor of Science; Computer Science; Cum Laude
- GPA: 3.607
- *Relevant Courses*: Object-Oriented Programming/ Data Structures I & II, Complexity and Analysis of Data Structures and Algorithms, Computer and Network Administration, Theory of Databases, Operating Systems.

SCHOLARSHIPS:
- Southern Scholarship Foundation (SSF).   **August 2020 - August 2022**
- Bright Futures Medallion Scholarship.   **August 2020 - May 2024**

PROJECTS

Sorting Algorithms Complexity Analysis   **August 2023 - November 2023**
- Implemented a range of sorting algorithms in C++.
- Recorded sorting times for a variety of list sizes.
- Plotted algorithm performance data utilizing Matplotlib in Python.

Full Stack Website with Python   **September 2023 - Present**
- Deployed a server using a Virtual Machine procured from a cloud service provider.
- Programmed a server with Flask Python.
- Designed the site's front end with Bootstrap HTML and CSS.
- Created an SQLite database to store and manage relevant information such as likes, dislikes, and users.

WORK EXPERIENCE

Research Assistant FSU College of Engineering, Tallahassee, FL   **August 2021 - April 2022**
Conduct Research on Unmanned Ground Vehicle Simulations
- Edited graduate-level projects in MATLAB/Simulink to achieve varied functionality not previously integrated.
- Provided progress updates on a weekly basis.

Florida Center for Interactive Media, Tallahassee, FL   **June 2023 - Present**
Technical Support and Customer Service
- Effectively assessed and resolved customer technical issues.
- Automated content review by checking for appropriate responses and behavior from websites.
- Developed a utility program that parses a spreadsheet for duplicates and retrieves pertinent information.

Dev46 Girls Tech Academy, Remote   **June 2023 - May 2024**
Volunteer Mentor
- Hosted weekly meetings for over 10 students to cover course material and questions.
- Assisted students in Puerto Rico with their Google Career Certificate questions and assignments.

SKILLS

Language: Fluent Spanish (Spoken\Written), Fluent English (Spoken\Written)
Technical: C++, C#, Python, SQL, Flask, Nginx, Gunicorn, HTML & CSS, SSH, MAUI
Soft: Effective Communication, Delegation, Critical Thinking, Adaptability, Team Building
Platforms: Windows, Windows Server, Linux, Cloud Services (AWS, Google Cloud, Azure), VMWare, VirtualBox