

# Jose Brouwer

Tallahassee, FL, 32304

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**Personal Website:** <https://josebrouwer.me/>

## 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 - Present**

## 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++, Java, Python, SQL, Flask, Nginx, Unicorn, HTML & CSS, SSH, Microsoft Office

**Soft:** Effective Communication, Delegation, Critical Thinking, Adaptability, Team Building

**Platforms:** Windows, Windows Server, Linux, Cloud Services (AWS, Google Cloud, Azure), VMWare, VirtualBox

