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, Theory of Computation, Theory of Databases, Operating Systems.

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

PROJECTS

Full-Stack Web App with Python   **September 2023 - Present**
- Deployed a server using a Virtual Machine procured from a cloud service provider.
- Programmed a server with Nginx, Gunicorn, and 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.

Learning Management System in C#   **February 2024 - May 2024**
- Developed a console application that allows instructors to manage their courses and students.
- Designed a GUI with .NET MAUI that enables the application's functionality through an intuitive layout.
- Refactored the console application back-end to operate as a .NET MAUI application.

Full-Stack MVC App With ASP.NET and Razor Pages   **June 2024**
- Engineered a spreadsheet validating program that verifies values, sorts, and paginates content.
- Produced a suite of unit tests that verify correct program functionality.
- Ensured the application meets accessibility standards with the WCAG AInspector.

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**
Programmer
- Designed and implemented front-end features for online courses using JavaScript and SCSS.
- 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.

SKILLS
Language: Fluent Spanish (Spoken\Written), Fluent English (Spoken\Written)
Technical: C#, Python, SQL, Flask, HTML & CSS/SCSS, JavaScript, .NET MAUI, ASP.NET, MVC, MVVM, Unit Testing
Soft: Effective Communication, Delegation, Critical Thinking, Adaptability, Team Building
Platforms: Windows, Windows Server, Linux, Cloud Services (AWS, Google Cloud, Azure), VMWare, VirtualBox