Henrique Baggio

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[LinkedIn](#) | [Portfolio](#)

EDUCATION

Florida Gulf Coast University (FGCU)   Fort Myers, FL
Bachelor of Science in Software Engineering   Expected May 2025
- GPA: 3.71; Dean's List
- Honors College

Relevant coursework: Data Structures & Algorithms, Software Engineering Fundamentals, Digital Systems & Architecture, Software Testing, Intro to Data Engineering, Programming II (Object Orienting Programming)

INTERNSHIP EXPERIENCE

Ottimizza Automação Contábil   Joinville, Brazil
Software Engineering Intern   June 2023 – August 2023
- Project: I utilized AWS Lambda and employed Python to reorganize bank statements' content ensuring compatibility with the company's software, which is utilized by more than 20 employees.
- Project: Created software that gets the content of an image from S3 bucket and turns it into strings through AWS Lambda function.
- Ensured data integrity, provide comprehensive documents & conduct thorough testing.
- Utilized Java to find and modify the string to the wanted format.

ADDITIONAL RELATED EXPERIENCE

Florida Gulf Coast University.   Fort Myers, FL
Research Assistant, *Dr. De Castro, FGCU College of Engineering*   November 2023 - Present
- Collaborated with Dr. De Castro to employ Python, data structures, and algorithms in the implementation of Evolutionary Computing, with the goal of enhancing day-to-day processes for optimal efficiency.
- Facilitate weekly research gatherings, fostering discussions and providing clarity on research objectives.

Florida Gulf Coast University   Fort Myers, FL
***Teaching assistant for Intro to Comp Science and Programming I* and II**   August 2023 – Present
- Developed customized lesson plans to address each student's individual needs and learning styles.
- Collaborated with other tutors to establish the best way to teach a topic.
- Helped around 15 students individually and in small groups learn Pointers, Loops, and Object Orienting Programming in C / C++ and Python.
- Graded programming assignments and test, providing constructive feedback to 140 students based on results.

ACADEMIC / PERSONAL PROJECTS

Battle Pokémon Game (Cerulean ++) – *Programming II / C++ (SFML*)   Fall 2022
- Programmed a version of Pokémon where you can pick between 3 Pokémon and battle against a Pikachu using C++ GUI (SFML).
- Presented my project with a group of peers to a class of 30 students.

Website Portfolio - *Personal Project - (*[henriquebaggio.com)](#)   Fall 2023
- Developed a personal portfolio showcasing information about me, projects, work experience and programming skills.
- Created a responsive website using HTML, CSS, and JavaScript.

LEADERSHIP EXPERIENCE

Eagle Ambassador | *Volunteer*   August 2023 – Present
- Serve as a cultural guide for 3 incoming international students each semester, offering support and assistance to help them acclimate to US culture during their first semesters.
- Assist with university-related issues, providing guidance on academic and admirative matters.

FGCU Tennis Club | *Vice President*   January 2023 – Present
- Coordinate weekly practices for various levels of experience, and secure funding for tennis related materials.
- Organize and host fundraising events, tournaments, tryouts, and club gatherings for 30+ players at a time.

Society of Hispanic Professional Engineers (SHPE) | *Member*   January 2024 - Present
Honors College | *Member*   October 2022 - Present
FGCU Chess Club | *Member*   August 2021 – Present
Software Engineering Club | *Member*   August 2021 - Present