

Carlos E. Rodriguez

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EDUCATION

University of Miami

Coral Gables, FL

Bachelor of Science in Computer Science

Minors in Mathematics and Finance

- **GPA:** 3.713; SAT: 1320
- **Honors:** Dean's List and Provost's Honor Roll, 2023
- **Relevant Coursework:** Computer Organization and Architecture, Discrete Mathematics, System Programming

EXTRACURRICULAR ACTIVITY

Developer Student Club

Coral Gables, FL

Member

September 2023 - Current Time

- Collaboration with fellow members has allowed me to analyze diverse software systems and different topics during several club meetings, which fosters a shared understanding amongst me and the brothers.
- Engagement with qualified speakers has given me the experience to absorb in-depth knowledge on various software development topics, enhancing my knowledge of the field.

Kappa Theta Pi (Professional Fraternity)

Coral Gables, FL

Brother

December 2023 - Current Time

- Uniting with like-minded individuals who share my passion for technology has established a strong network of enthusiastic peers.
- Collaborating with fellow brothers has allowed me to achieve academic success by leveraging our collective strengths and skills for mutual growth.

Projects

Personal Website – Personal Project

- Developed and deployed a personal website using GitHub pages and the functionality of Jekyll.
- Exhibited strong web development skills, usage of static site generators, and version control through Git.
- Displayed skills in HTML, CSS, Markdown, and the usage of an open-source tool through Jekyll.

Search Engine – CSC220 Final Assignment

- Developed a search algorithm that mimics a large search engine and its ranking algorithm. Using the fundamentals of object-oriented programming, I implemented several data structures, such as Hash Maps and Priority Queues, alongside the usage of the breadth-first search algorithm to accomplish the functionality of the program. Sorting algorithms and iterators were also implemented.
- Demonstrated proficiency in writing organized and efficient code, problem-solving skills, and commitment to the completion of the miniature search engine.

SKILLS, ACTIVITIES & INTERESTS

Technical Skills: Java, Python, Mathematics

Activities: Member of Google Student Developer Club, Brother of Kappa Theta Pi

Interests: Software Development, Finance, Fitness, Traveling

