

Sebastian Rivas

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EDUCATION

University of Miami

Coral Gables, Florida

Bachelor of Science: Computer Science

May 2029

Minor: Mathematics, Quantitative Economics

- **Honors:** President's Scholarship, Dean's List, Florida Academic Scholars
- **Relevant Coursework:** Computer Programming II, Calculus II
- **Activities:** Kappa Theta Pi Technological Fraternity, Google Developer Group, ColorStack, Golf Club, Association of Commuter Students

SKILLS

Programming Languages: Python, Java, SQL

Other: Graphic Design on Canva, Video Editing on Capcut

WORK & LEADERSHIP EXPERIENCE

SongTools

Miami, Florida

IT Project Coordination Intern

June 2026 – August 2026

- Tracked the technology team's migration from songtools.io to songtools.com, documenting dependencies across employee email accounts, application code, file directories, and other domain-linked systems.
- Conducted twice-weekly status check-ins with project contributors via WhatsApp and phone, using Excel and Claude to consolidate progress updates, blockers, and next steps into a structured tracker.
- Prepared and presented a one-page executive report to the CEO evaluating completion against the summer deadline and outlining remaining risks after a key developer's unexpected absence delayed the migration.

PROJECTS

Connect Four Game | Java

- Developed an object-oriented command-line Connect Four game using a 6-by-7 array to manage moves, turns, and board state.
- Implemented algorithms to detect horizontal, vertical, diagonal, and anti-diagonal wins across the game board.
- Supported four play and difficulty modes, including a rule-based computer opponent that cloned board states to identify winning moves and block immediate losses.

Student Record & Games Application | Python

- Built an object-oriented, menu-driven console program with Student and Course classes to manage student records, compute GPAs on a 4.0 scale, and generate transcript files.
- Implemented additional modules utilizing loops, conditionals, and randomization.
- Validated functionality and edge-case handling using the provided test output to ensure correct program behavior.

Personal Portfolio Website | GitHub Codespaces, HTML, CSS, JavaScript

- Developed a responsive personal website to showcase projects, skills, and professional experience.
- Utilized GitHub Codespaces and AI-assisted tools to accelerate the development workflow and streamline coding.
- Hosted the final site using GitHub Pages for public accessibility.