

Lucas Rodriguez

786-857-2659 | lucas.rodriguez@ufl.edu | linkedin.com/in/lucasrodrig | Miami, FL

EDUCATION

University of Florida

Gainesville, FL

B.S. in Computer Science; Minor in Statistics, Education Sciences

Aug. 2023 – Present

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Software Engineering, Agile Project Management, Databases I

GPA: 3.54

PROJECTS

Gainesville Rewards App | AWS, TypeScript, React

Feb. 2025 – Present

- Developing an *in-alpha* SaaS loyalty platform partnered with 10+ Gainesville restaurants, delivering tailored rewards through a mobile app, online business portal, and consumer website
- Implement key web interfaces, such as a consumer landing page and account editor, while extending backend infrastructure (DynamoDB/Aurora schemas, Cognito auth, Lambdas+API Gateway) to support secure multi-tenant data
- Contribute to the development of modular CDK stacks and CI/CD pipeline routines that cut full-stack deployment time by 30–40%, as well as comprehensive Jest testing and Swagger-documented APIs to ensure long-term scalability

MLB Data Analytics Model | Python

May 2025 – Present

- Built a baseball statistical model using Poisson/Gamma regressions to project success of player outcomes
- Ingested 5 M+ Statcast events into daily batter/pitcher tables to calculate advanced metrics such as xwOBA
- Built scraper that streams sportsbook odds and enriches them with factors including park geography, live weather, and team trends via a pytest-verified ETL pipeline
- Integrated backend AI portfolio agent generating an average of 6–8% ROI vs. closing lines

LEADERSHIP & INVOLVEMENT

House Manager

Nov. 2024 – Present

The Chi Phi Fraternity

Gainesville, FL

- Elected as Chapter House Manager for a Greek organization with 120+ active members centralized in a 13,300 square foot on-campus student house with ~35 residents on a 0.89 acre lot
- Perform and lead the execution of day-to-day and large-scale house operations, including cleaning, house improvement efforts, and coordination of maintenance scheduling and supply logistics with vendors, fraternity staff, and University officials
- Conduct regular meetings and structure budgets as the director of a House Improvement Committee comprised of 20+ members planning the distribution of a \$6,000 annual budget dedicated to house projects

Student Senator

July 2024 – Oct. 2024

University of Florida Student Government

Gainesville, FL

- Represented the student body of the Keys-Springs dormitories Residence Area in the University of Florida Student Senate, which distributes an annual \$25 million budget across a variety of student-led organizations and events
- Participated in parliamentary procedure and upheld constituency requirements, as well as co-authored and sponsored legislation aimed to improve the needs of the student body, including proposing budgetary allocations for programs ranging from extended library hours to improved mental health advocacy resources for minority groups on campus

TECHNICAL SKILLS

Languages: Java, Python, C++, HTML, CSS, JavaScript, TypeScript

Frameworks: Tailwind, React, Express, Expo, Node.js, MongoDB

Developer Tools: Git, WebStorm, CLion, PyCharm, IntelliJ, Eclipse, Visual Studio Code

AWARDS

Herbert Wertheim College of Engineering Dean's List | *Spring 2025*

June 2024

Herbert Wertheim College of Engineering Dean's List | *Spring 2024*

June 2024

Herbert Wertheim College of Engineering Dean's List | *Fall 2023*

January 2024

FIU HSPC - Programming Competition | *Placed 1st in Division 1 out of 8 teams*

April 2023

UCF HSPT - Programming Competition | *Placed 9th out of 74 teams*

March 2023

ADDITIONAL INFORMATION

Additional Languages: Spanish (Fluent)