

RODRIGO CID LOPES

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EDUCATION:

Florida International University

Bachelor of Science, Computer Science

- GPA: 3.85 - Dean's List

Miami, FL
Expected May 2025

University of Florida

Bachelor of Science, Economics

Gainesville, FL
Dec 2021

PROFESSIONAL EXPERIENCE:

Google

Lead Full Stack Software Engineer - Tech Exchange

Mountain View, CA
Jan 2023 - May 2023

- Developed a full-stack wiki page application with mentorship from Googlers.
- Led a team of 3 engineers to create a dynamic wiki website, demonstrating strong leadership and understanding of Git, Bash, and version control.
- Implemented 4 requirements of a feature proposal, and created a technical design document.
- Used Python and Flask to implement a backend that dynamically retrieves data from Google Cloud Storage, App Engine.
- Designed 30+ automatic unit tests integrated into a CI/CD pipeline that include file I/O mocking.

CodeNected Project - FIU

Co-Lead Frontend Software Engineer

Miami, FL
Sept 2022 - Dec 2022

- Built landing page and key components of a complex dynamic website for connecting coders to projects.
- Coordinated with a team of 15+ engineers and designers to implement the app's desired design and functionality.
- Implemented intricate components using JSX and React (with hooks) to attractive and practical outcomes.
- Created custom React hooks to call RESTful APIs for dynamic components, parsing 100+ JSON objects.

Alan Cohn for Congress

Finance Intern

Tampa, FL
Sept 2020 - Nov 2020

- Provided services for a \$2.3 million dollar national fundraising operation using SQL and spreadsheet functions.
- Built virtual events through calling and texting supporters raising over \$100,000 in 3 months.
- Conducted qualitative research on over 1,000 top democratic contributors across the United States.

ADDITIONAL ACTIVITIES:

Florida International University

Computer Science Tutor

Miami, FL
Aug 2022 - Dec 2022

- Tutored 4 peers in object-oriented programming (Java), teaching rudimentary programming and key OOP concepts including: use of variables, methods, branches, loops, classes/objects, and inheritance.
- Implemented live coding and PRIMM pedagogies to foster a deeper fundamental understanding of programming concepts and application in students.

Smart Technology Analytics Project

Data Analyst

Miami, FL
Sept 2021 - Jan 2022

- Achieved a strong foundation of analytical skills, as well as a practical and theoretical understanding of processes, tools, and visualizations used by data analysts.
 - Compiled 15 metrics of a wellness company's product using spreadsheets and SQL queries, including over 12,000 data points, and analyzed trends to create 7 visualizations and draw conclusions.
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SKILLS:

- **Programming Languages:** Java, Python, Javascript, SQL, R, HTML5, CSS3
 - **Technologies:** React, Flask, Jinja, Sass, React Native, Express.js, Node.js
 - **Tools:** Agile Development, VSCode, Git, Github, Figma, PowerBI, Tableau
 - **Involvement:** Init, Google Developer Student Club
 - **Relevant Coursework:** Computer Architecture, Database Systems, Software Engineering, Applied Data Structures, Careers in Tech, Software Development Studio, Programming 1-2, Discrete Structures, C++ Prog., Econometrics 1-2, Calculus 1-3, Linear Algebra, Differential Equations.
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References available upon request