**RODRIGO CID LOPES**

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**EDUCATION:**

**Florida International University Miami, FL**

*Bachelor of Science, Computer Science Expected May 2025*

* GPA: 3.85 - Dean’s List

**University of Florida Gainesville, FL**

*Bachelor of Science, Economics Dec 2021*

**PROFESSIONAL EXPERIENCE:**

**Google Mountain View, CA**

*Lead Full Stack Software Engineer - Tech Exchange 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 Miami, FL**

*Co-Lead Frontend Software Engineer 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 Tampa, FL**

*Finance Intern 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 Miami, FL**

*Computer Science Tutor 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 Miami, FL**

*Data Analyst 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.

**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.

*References available upon request*