

Rodrigo Cid Lopes

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EDUCATION

Bachelor of Science | Computer Science

August 2022 - June 2025

Florida International University | Miami, FL

Relevant Coursework: Programming 1, Discrete Structures.

Bachelor of Arts | Economics

August 2018 - December 2021

University of Florida | Gainesville, FL

Relevant Coursework: C++ Prog., Econometrics 1-2, Calculus 1-3, Linear Algebra, Differential Equations.

PROJECTS

Lead Software Engineer/Project Manager | Show Tracker (In-progress):

- Led a team of 3 engineers to develop a Flutter mobile app that tracks shows watched on different platforms.
- Coordinated team over several months to manage project flow and accomplish app goals.
- Designed and implemented key app functions such as the general layout and tracking functionality.

Skills: Flutter, Dart, Gitflow, Agile, Trello, PM

Software Engineer | Java Pacman (In-progress):

- Programmed a recreation of the game 'Pacman' in Java, using Java's UI packages (swing, awt) and 2D arrays.

Skills: Java, Java UI

Data Analyst | Smart Technology Analytics:

- Compiled 15 metrics of a wellness company's product using spreadsheets and SQL queries, including over 12,000 datapoints, and analyzed trends to create 7 visualizations and draw conclusions.

Skills: SQL, Spreadsheet Functions, Tableau, Reporting

SKILLS

Programming Languages (in order of proficiency): Java, Javascript, SQL, R, HTML/CSS, Dart.

Technologies: React, Sass, Flutter, Node.js, Express.

Tools: VS Code, Github, Figma, PowerBI, Tableau.

Involvement: Google Developer Student Club, Upsilon Pi Epsilon.

CERTIFICATIONS

Data Analytics Professional Certificate

September 2021 - January 2022

Google | Coursera

- Achieved a strong foundation of analytical skills, as well as a practical and theoretical understanding of processes, tools, and visualizations used by data analysts.

EXPERIENCE

Computer Science Tutor

August 2022 - December 2022

Florida International University | Miami, FL

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

Finance Intern

September 2020 - November 2020

Alan Cohn for Congress | Tampa, FL

- Provided research and data entry services for a \$2.3 million dollar national fundraising operation through SQL queries and spreadsheet functions, Arranged virtual events raising over \$100,000 in 3 months as a team.
- Catalogued quantitative and qualitative data on over 1,000 top democratic contributors across the United States