**Rodrigo Cid Lopes**

**rlopes1.github.io — github.com/rlopes1 — linkedin.com/in/rcidl**

**rodrigocidlopes@gmail.com — (954) 329-8645 — Miami, FL**

# 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