Rodrigo Cid Lopes

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EDUCATION

Bachelor of Science | Computer Science   August 2022 - December 2024
Florida International University | Miami, FL
Relevant Coursework**:** Applied Data Structures, Software Dev. Studio, Programming 1 & 2, 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

Frontend Software Engineer | CodeNected:
- 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 app's desired design and functionality.
- Implemented intricate components using JSX and React (with hooks) to attractive and practical outcomes.
- Used custom react hooks to call RESTful APIs for dynamic components.
Skills: React, Git, Version Control, Javascript, HTML/CSS, Sass.

Lead Software Engineer/Project Manager | Show Tracker (In-progress):
- Led a team of 3 engineers to develop a React Native mobile app that tracks shows on streaming 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: React Native, Javascript, Sass, Git, Gitflow, Agile, Trello, PM.

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, Data Reporting.

SKILLS

Programming Languages: Java, Javascript, SQL, R, HTML5, CSS3.
Technologies: React, Sass, React Native, Express.js, Node.js.
Tools: VS Code, Git, Github, Figma, PowerBI, Tableau.
Involvement: Google Developer Student Club, Upsilon Pi Epsilon.

CERTIFICATIONS

Data Structures and Algorithms Specialization   November 2022 - January 2022
UC San Diego | Coursera
- Learned key data structures and algorithmic techniques, applying them to real-world challenges.
Data Analytics Professional Certificate   September 2021 - January 2022
Google | Coursera
- Achieved a strong foundation of analytical skills and a practical understanding of data analysis.

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.