KRISNA **COLINDRES**

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Education

University of Florida   Expected Dec 2023
Bachelor of Science in Computer Science and Certificate in Artificial Intelligence

Skills

Back-end: C++, Java, Python, SQL/Databases, Git, ARM assembly, MATLAB, R, Spiceworks, Debugging, Testing
Front-end: HTML, CSS, JavaScript, React, Tailwind, Next JS

Projects and Professional Experience

Portfolio (React, Tailwind and Next JS)   October 2022
• Interactive portfolio to get experience with frameworks, web development and Software Engineering

Movie Finder (C++, GitHub, and Git)   Aug 2022
• Group project for data structures and algorithms class. Wrote a max heap from scratch to organize 700000 data points to create a movie finder to become more familiar with the importance of data structures in real scenarios

Simplified Page Rank Algorithm (C++)   June 2022
• Implemented a simplified version of Google's PageRank algorithm using an adjacency list. This project allowed me to have a better understanding of how links on google get prioritized for users to find over other links

Minesweeper (C++)   April 2022
• Interactive minesweeper game from scratch using the SFML library using object-oriented programming with C++

Gator Raider/Pacman (Java)   Nov 2021
• Built a controller using object-oriented programming in Java that gave the Pacman commands to avoid getting eaten. Commands acted as AI in the Pacman, and it was smart enough to reach level four before losing the game

Information Technology for NCCER   Oct 2021 - Dec 2021
• Effectively provided hardware and software support for employees to maximize company's efficiency
• Properly migrated data from old systems to new systems to optimize the company's computer's organization

Manager for Colindres Custom Carpentry   June 2019 - present
• Successfully negotiated 30+ house remodeling projects to build customer satisfaction
• Established customer-centric culture of communication and accountability (Fluent in Spanish)

Leadership, School Involvement, and Awards

Mentor for SHPE and the Software Engineering Club at UF   Sep 2022
• As a mentor I guide cs freshmen and transfer students with their intro courses and give advice for classes

Vice President for the Engineering Club at Santa Fe College   Jan 2020 - Dec 2020
• Responsible for organizing engineering workshops and events to improve students' transfer applications

Scholarships: GMiS STEM, GRU STEM Brighter Tomorrow, and Tom Giacomini JBT Engineering