KRISNA **COLINDRES**

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dulcet-starlight-ad742b.netlify.app (portfolio)

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, Firebase, Spiceworks, Debugging, Testing
Front-end (basic understanding): HTML, CSS, JavaScript, React, Tailwind, Next JS

Projects and Professional Experience

The ME Project (React)   Dec 2022
• Developed and managed a mental wellness tracking system to evaluate and enhance personal well-being through self-assessment.

Movie Finder (C++)   Aug 2022
• Designed and implemented a max heap and map data structure from scratch to efficiently organize 700,000 data points, resulting in the creation of a movie finding tool

Simplified Page Rank Algorithm (C++)   April 2022
• Created a simplified version of Google's PageRank algorithm utilizing an adjacency list, enhancing understanding of the prioritization of links on Google for user search results and its significance

Minesweeper (C++)   Mar 2022
• Developed an interactive Minesweeper game from the ground up using the SFML library and object-oriented programming principles, showcasing proficiency in game development and programming concepts

Pacman (Java)   Nov 2021
• Constructed a controller that enabled a Pacman character to utilize AI algorithms to avoid obstacles

IT intern for National Center for Construction Education and Research   Oct 2021 - Dec 2021
• Efficiently delivered hardware and software support to employees, effectively boosting company productivity
• Successfully executed data migration from outdated systems to new systems, optimizing the organizational structure of the company's computer systems

Manager for Colindres Custom Carpentry   June 2019 - present
• Negotiated over 30 house remodeling projects, driving customer satisfaction through successful project completion. Fluent in Spanish, able to effectively communicate with a diverse range of clients

Leadership, School Involvement, and Awards

Mentor for SHPE and the Association for Computing Machinery at UF   Sept 2022
• Served as a mentor, providing guidance and advice to computer science freshman and transfer students
Vice President for the Engineering Club at Santa Fe College   Jan 2020 - Dec 2020
• Organized engineering workshops and events to enhance student transfer applications
Scholarships: GMiS STEM , GRU STEM Brighter Tomorrow, and Tom Giacomini JBT Engineering