

# 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- Successfully executed data migration from outdated systems to new systems, optimizing the organizational structure of the company's computer systems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