

Nicholas Aristizabal

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EDUCATION

University of Central Florida | BS in Computer Science

Spring 2025

- GPA: 3.65

SKILLS

C/C++ | Java | Python | Rust | JavaScript/TypeScript | Team Management | Leadership | Problem Solving

PROJECTS

Full Stack Mobile application (MERN) - Project Manager

October 2023 - December 2023

- As the project manager, I orchestrated the development of a full-stack mobile application using react native with a backend using NodeJS.
- Designed and developed the front end of a social recipe management app using React Native.
- Collaborated with a team of 5 to develop and deploy our app.

Full Stack Web application (LAMP) - Project Manager

August 2023 - October 2023

- Designed and developed the project's front end using HTML, CSS, and JavaScript.
- Collaborated in the development of the back end using PHP and MySQL.
- As the project manager, I fostered a cohesive team environment by facilitating communication, resolving conflicts, and motivating team members to achieve excellence.

PL/0 Compiler in C - Developer

May 2023 - August 2023

- Utilized the understanding of Assembly language, Code parsing, and Tokenizing.
- Used Git to work as a team with a partner to complete the project.

8-, 16 -, & 32-bit Checksum in Java - Developer

April 2023

- Created an algorithm that will calculate the checksums for different inputs at different bits.
- Used bitwise operators, buffered readers, and binary arithmetic to read and make calculations.

Maze Solver in Java - Developer

January 2023

- Created an algorithm that will solve a given maze using backtracking.
- Learned many different tools in Java that can be used to optimize programs such as Hash Tables/Sets, Buffered Readers, and Memoization.

WORK EXPERIENCE

Student Academic Resource Center @ UCF, Peer Tutor

January 2022 – Present

- Utilize a variety of techniques to tutor students in Organic Chemistry I and Computer Science I that align with their preferred learning styles.
- Lead 2-hour long group tutoring sessions for each subject to help each tutee master the material.

HONORS AND ACHIEVEMENTS

Excellence in Chemistry 2019 | Bright Futures Medallion Scholarship 2019 | National Honor Society 2017 | CRLA Level II 2022 | UCF Dean's List 2019-2023 | UCF President's List 2020