

Carlos Murillo

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Education

Florida Polytechnic University

Bachelor of Science in Computer Science (Concentration: Software Engineering)

GPA: 3.0

Lakeland, FL

Jan. 2022 - Dec. 2025

Relevant Coursework

*Data Structures, Algorithm Design and Analysis, Database 1, UI/UX, Object-Oriented Programming, Machine Learning
Software Requirements Engineering, Computer Networks, Software Design and Architecture, Computer Architecture*

Skills

Languages: Python, C/C++, HTML/CSS, JavaScript, Java, SQL

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Figma, SQLite

Libraries: pandas, NumPy, Matplotlib, TensorFlow

Experience

Undergraduate Resident Assistant

Florida Polytechnic University

Aug. 2024 - Present

Lakeland, FL

- Employ Microsoft Office applications to provide an efficient workflow for planning 3 monthly events, providing weekly reports, as well as practicing effective communication methods with team members
- Utilize effective time management skills to provide detailed performance reports to supervisors on a weekly basis
- Contribute conflict resolution techniques to efficiently resolve 100% of workplace conflicts

Customer Service Representative

Raising Canes

Jun. 2022 - Aug. 2024

Roanoke, TX

- Implemented managerial feedback into service to increase positive reviews by 30%
- Collaborated with team members to provide quality client experience and increase profit by 25%

Projects

Linux Scheduler | C++

Feb. 2024 - Apr. 2024

- Developed an algorithm that calculates the time, in seconds, required to complete a task based on given input files
- Utilized GitHub to collaborate with team members and contribute commits efficiently
- Utilized vector optimization to improve operation calculation to within 3 seconds

Socket-Based Cloud Network File Sharing Application | Python, SQL

May 2018 - May 2020

- Created a client/server application where up to 50 clients can upload and download files to a server integrated with Google Cloud Platform
- Integrated a custom SQL database for storing up to 150 uploaded files for users to access from the server
- Constructed a custom analysis module that tracks network statistics such as upload/download speeds, file sizes, and file transfer rates with 100% efficiency

Extracurriculars

Chief of Staff | Florida Polytechnic University Music Association

Mar. 2023 - Current

- Spearheaded numerous initiatives around campus that increased student engagement by 45%
- Advocated for numerous asset purchases totaling around \$7000 for the 2024-2025 fiscal year