Rosario Silva

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EDUCATION

University of North Florida, *Jacksonville, FL*
CCEC Bachelor of Science, Computer Science
GPA: 3.84

CERTIFICATIONS

IBM – Modernizing Applications with CICS
IBM · February 2026

IBM – Z 101
IBM · December 2025

IBM Z Xplore – All Star
IBM · September 2025

Software Development
Information Technology Specialist · April 2023

Introduction to Programming using Java
Microsoft Technology Associate · February 2022

TECHNICAL SKILLS

- *Languages: Java, C, Enterprise COBOL, JCL, HTML, JavaScript, MySQL, CSS*
- *Developer Tools: Vista TN3270, Git, GitHub, VS Code, Eclipse IDE, IntelliJ IDEA*

PROJECTS

- Concurrent Client-Server System | Java, Multithreading, Networking, Linux
  - Built a multi-threaded Java server that handled multiple client connections at the same time.
  - Tested up to 100 clients and measured request turnaround time to evaluate performance.
  - Implemented system commands to report server time, uptime, memory use, users, and processes.

- Hospital Database System | Java, SQL, Relational Databases
  - Designed a relational database for patients, doctors, departments, procedures, and medications.
  - Created queries to generate complete patient health records.
  - Used constraints and unique IDs to maintain accurate data.

- Mortgage Amortization System | COBOL, JCL, Mainframe
  - Built a COBOL program that reads loan files and produces amortization schedules.
  - Wrote JCL scripts to compile, run, and manage program versions.
  - Generated reports in text and HTML with ROI calculations.

ADDITIONAL PROFICIENCIES AND ACHIEVEMENTS

Technical: Proficient in Microsoft Word, Excel, and PowerPoint
Language: Fluent in Spanish (oral and written)
Achievements: Dean's List for Spring 2024, Summer 2024, Fall 2024, and Spring 2025