Alexander San Agustin Melendez

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Education

Bachelor of Science in Computer Science

Kennesaw State University | GPA 3.38 **|** Expected Graduation: Dec 2026

Relevant Coursework: Data Communication, Computer Architecture, Database Systems, Software Engineering, Data Structures, Probability and Data Analysis.

Technical Skills

Operating Systems: Windows, Linux, macOS
Networking & Tools: Docker, SSH, Git, Virtual Environments.
Programming: Java, Python, SQL, CSS, R
Libraries/Frameworks: Pandas, NumPy, Matplotlib
Others: Fluent in Spanish, Problem Solving & Communication Skills

Projects

Remote HomeLab | Docker, Linux, VPN
- Designed and maintained a Linux-based homelab environment for virtualization and cloud storage experiments
- Deployed and managed Docker containers for isolated services and scalable resource use.
- Configured a secure VPN using Tailscale for encrypted remote access and system monitoring.

Work Experience

Team Lead – Facility Maintenance**| EccoClean|** August 2019 – August 2025
- Supervised a team of 3-4 employees, managing scheduling, task assignments, and performance under time constraints.
- Improved operational efficiency and developed leadership and problem-solving skills applicable to technical team environments.

Additional Academic Work

JavaFX POS SYSTEM | Java, SQL
- Developed a point-of-sale (POS) integrating a JavaFX front-end with an SQL database.
- Focused on UI design, backend connectivity, and database-driven data handling.