

Sergio D. Andrade Munoz

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EDUCATION

The University of Texas at Arlington

Arlington, TX

Bachelor of Science in Computer Science, GPA: 3.53

Expected May 2027

- Transferred from Campbellsville University
- Relevant Coursework:** Data Structures & Algorithms, Software Engineering, Computer Org. & Assembly Language, Linear Algebra, Calculus I-III, Discrete Mathematics, Web Development I-II, Physics I-II

TECHNICAL SKILLS

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

Systems & Tools: Linux (Ubuntu, Debian), VMware ESXi, Proxmox VE, Apache, MySQL, RAID, systemd, Git, Docker

Networking & Security: SoftEther VPN, SSL-VPN, SSH, UFW Firewall, CIS Benchmarks, Network Segmentation

Cloud & Enterprise: Microsoft 365, Azure AD, Exchange Online, SharePoint, Google Workspace

EXPERIENCE

Systems Administrator

January 2025 – May 2025

Campbellsville University

Campbellsville, KY

- Deployed and managed virtualized server infrastructure using Proxmox VE on Dell PowerEdge hardware with RAID-1 storage configuration, supporting 8+ Ubuntu Server VMs for departmental operations
- Implemented security hardening measures including UFW firewall with least-privilege rules, SSH key-based authentication (Ed25519), and CIS Level 1 benchmark compliance across production environment
- Configured and maintained Apache web server and MySQL database following OWASP security guidelines, developed Bash scripts for automated system maintenance, monitoring, and backup procedures
- Created 30+ technical documentation pages covering network topology, security procedures, and troubleshooting

Peer Tutor

September 2024 – May 2025

Campbellsville University

Campbellsville, KY

- Tutored 10+ students weekly in Calculus I-II, Discrete Mathematics, Programming I-II (Java), and Statistics, developing technical communication, mentorship skills while adapting teaching methods to diverse learning styles

Network & Systems Engineering Intern

May 2024 – July 2024

Tecniequipo S.A.

Quito, Ecuador

- Deployed enterprise VPN solution using SoftEther VPN on VMware virtualized infrastructure, implementing SSL-VPN protocol with certificate-based authentication
- Led Microsoft 365 migration from Google Workspace for entire organization, managing Exchange Online configuration, SharePoint site setup, OneDrive deployment, and Azure AD user synchronization with zero production downtime
- Installed and configured FlinkISO quality management system to support ISO 9001 certification process; performed hardware diagnostics and component replacement to optimize workstation performance

Data Systems Intern

May 2023 – July 2023

Andrade | Arteaga Consultores

Quito, Ecuador

- Developed Python automation scripts for document management system, implementing OCR technology and metadata extraction to process 600+ legal documents
- Reduced document processing time by 66% (from 15 to 5 minutes per document) through automated categorization, indexing, and structured digital workflows

LEADERSHIP & ACTIVITIES

Alpha Lambda Delta Honors Society, Secretary

January 2024 – May 2025

International Student Council, Member at Campbellsville University

August 2023 – May 2025