Daniel Serrano

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OBJECTIVE:

Computer Science senior (BS, Dec 2025) seeking the Student Technical Specialist role or another entry-level role in software engineering, cybersecurity, or systems development. Passionate about building secure, efficient applications and collaborating with cross-functional teams.

EDUCATION:

BS in Computer Science, **Minor in Psychology**   Expected December 2025
University of New Mexico, Albuquerque, NM   **Current GPA: 3.17**
Relevant Coursework: Languages (C/C++, Java, Python, Haskell, R, MATLAB, Assembly, VHDL, SQLite), Object Oriented Programming, Database Management, Cybersecurity, Version Control Systems, Operating Systems & Networking

Certificates: Health Wellness and Public Safety, General Studies
Associate's degrees: Integrated Studies, Liberal Arts, Psychology
Central New Mexico Community College, Albuquerque, NM   **GPA: 3.42**
High School Diploma   **GPA: 3.21**
Albuquerque Institute for Mathematics and Science   2016-2020

EXPERIENCE:

Student Specialist @ UNM Health Sciences Library   May 2022 - Present
- Provided front-desk support, assisting patrons with research questions, resource location, library accounts, and technical troubleshooting. Served on hiring committees for Library Information Specialist positions, contributing to candidate evaluations and selection
- Lead orientations for students and faculty on 3D printing, VR headsets, and the Anatomage table technology
- Recruited, trained, and supervised new staff and student employees

Student Assistant @ UNM Zimmerman Library (Government Documents)   June 2023 - Present
- Maintained and updated records, ensuring accurate inventory and proper document classification
- Handled confidential materials in compliance with library and government regulations
- Developed familiarity with federal, state, and local government publications and resources

Assistant Manager @ Freddys Frozen Custard and Steakburgers   May 2019 - Oct 2021
- Oversaw daily operations, including opening/closing procedures, scheduling, and financial record-keeping (cash management, food costs, labor metrics)
- Maintained internal controls and budgets while monitoring store performance
- Provided staff training, addressed customer feedback, and coordinated equipment maintenance

SKILLS, AWARDS, INTERESTS:

Technical Skills (Mostly Intermediate):

Languages:
Java, C, C++, Python, Haskell, SQL, HTML, VHDL, Assembly, R, MATLAB
Tools:
Git, Linux, Docker, CMake, Microsoft Office
Networking/Cybersecurity:
Wireshark, Nmap

Soft Skills:
Bilingual (English/Spanish), Professional Work Ethic, Adaptability, Detail-Oriented

Awards:
4x Varsity Basketball Letters
3x Exemplary Service Awards
National Honors Society Member

Past Projects:
Object-Oriented Video Game Development (Haskell/Java): Designed and implemented game mechanics, player logic, and event systems

Disease Spread Simulation: Modeled epidemiological scenarios using real-world data to analyze spread and containment

Retail Warehouse Database: Designed and queried a relational schema for inventory management (SQLite)