Jake Manning

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Education

Texas A&M University – College Station, TX   May 2025
Bachelor of Science in Computer Science
Minors in Math and Business
GPA: 3.539

Academic Achievements

Cum Laude, Dean's Honor Roll, Distinguished Student

Projects

Senior Capstone Project (AWS, SQL, Python, HTML, CSS)   January 2025 - May 2025
- Initialized all the cloud computing instances needed to run the website
- Developed backend code for database interactions and server-side operations
- Collaborated with team members to integrate backend systems with frontend interfaces
- Conducted extensive testing and debugging to optimize website performance and security

Point of Sale and Inventory System (Java, SQL, Python, HTML, CSS)   January 2024 - May 2024
- Collaborated with a team to develop a demo POS and Inventory System for both desktop and web interfaces
- Led backend development and facilitated communications with frontend developers
- Designed Python scripts for automatically populating the database based on user specifications

Experience

Culpepper Realty – College Station, TX   May 2025 - July 2025
Real Estate Intern
- Reviewed lease abstracts and investment pro-formas to evaluate potential returns
- Analyzed asset strategies, including tenant retention, upgrades, and exit planning
- Researched market trends and potential lessees to inform property repositioning

TAMU Research – College Station, TX   January 2024 - May 2024
Hardware Fuzzing
- Developed a deeper understanding of the fuzzing process, formal verification, and how to combine them to speed up verification
- Reviewed code and provided documentation regarding initialization of the combined verification process

MidSouth Electric Co-Op – Navasota, TX   May 2023 - August 2023
IT Intern
- Performed computer setups/maintenance for up to 200 internal clients
- Assisted in executing minor systems administration tasks involving user data and permissions
- Shadowed during server room maintenance and observed virtual machine structure and task delegation

Skills and Certifications

Programming: Python, C++, Java, LaTeX, HTML, CSS, SQL, Git, JavaScript, PowerShell, Unix, and Linux
Applications: Microsoft Word (Certified), Microsoft Excel and Access (Coursework)
Certifications: Real Estate Agent's License

Strengths

Leadership: Led cross-functional teams during project development; comfortable taking initiative and collaborating
Analytical thinking: Skilled in breaking down complex problems and troubleshooting technical issues efficiently
Organization: Maintain clear documentation, structured systems, and systematic approaches to projects
Detail orientation: Attentive of edge cases in software behavior; known for delivering high-quality technical work