

Carson Smith

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SUMMARY

I am a Computer Information Systems and Technology student at The University of Texas at Dallas with a passion for systems administration and engineering. I have experience in managing networks, access control, and infrastructure, and am looking to leverage my skills in a professional environment.

TECHNICAL SKILLS

General Skills: Cybersecurity, Networking, Access Control, Infrastructure Management, Systems Administration
Languages: Java, Python, SQL
Developer Tools: Git, GitHub, GitLab
Operating Systems: Linux, Windows 8/10/11, MacOS, iOS, Android
Technologies: Amazon AWS, Docker, Proxmox, VMware, Oracle Cloud

EXPERIENCE

- Information Technology Assistant**
Greenville Oaks Church of Christ

Allen, TX
Dec. 2024 - Present

 - Volunteer IT assistant managing a network of 50+ devices, including security, network, and user devices
 - Assisted in deployment of a new security camera system, adding core functionalities and cutting all existing issues
 - Implemented a new domain monitoring system, reducing downtime by 30%
 - Worked closely with A/V team to ensure smooth operation of all services and events
- Information Technology Engineer**
Comet Robotics at UT Dallas

Richardson, TX
Oct. 2024 - Present

 - Member of the CROUTON Committee, a leadership team responsible for maintaining the club's infrastructure
 - Spearheaded a project to modernize, optimize, and organize, the club's networks and servers
 - Developed a new member portal, reducing onboarding time by 50% and officer workload by 23%
 - Implemented a CI/CD pipeline for the club's codebase, reducing deployment time by 80%
- Co-Founder, DevOps Engineer**
CS_Squared

Allen, TX
May 2024 - October 2024

 - Maintained Amazon AWS EC2 instances and VPC for our flagship product, ensuring 99.99% uptime
 - Developed a Prometheus and Grafana monitoring stack, reducing incident response time by 50%
 - Responded to incidents and pushed bugfixes within 24 hours of discovery
 - Standardized code practices, reducing developer onboarding time by 80%

PROJECTS

- Greenville Oaks Security Deployment** | *Security, Access Control, Networks, IoT*

Dec. 2024

 - Deployed a modernized security camera system
 - Assisted in physical installation of new cameras and access control systems
 - Integrated the new system with existing network infrastructure for seamless operation
- Comet Robotics Infrastructure Rework** | *Docker, Proxmox, GitHub, Shell, Linux*

Oct. 2024 - Dec. 2024

 - Re-organized, secured, and optimized the club's on-prem and cloud infrastructure
 - Implemented Docker across the club's services, allowing for easy deployment and monitoring
 - Leveraged Active Directory to manage authentication across the club's systems, including 802.1x and web auth

EDUCATION

The University of Texas at Dallas
B.S. in Computer Information Systems and Technology

Richardson, TX
Aug. 2024 - May 2027

CREDENTIALS

CompTIA A+ | *ID: COMP001022565935*

Jul. 2024