

# 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

Allen, TX

Greenville Oaks Church of Christ

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

Richardson, TX

Comet Robotics at UT Dallas

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

Allen, TX

CS\_Squared

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

Richardson, TX

B.S. in Computer Information Systems and Technology

Aug. 2024 – May 2027

## CREDENTIALS

### CompTIA A+ | ID: COMP001022565935

Jul. 2024