

EDUCATION

Texas Christian University	<i>College of Science & Engineering</i>	Grad Date: May 2026
Bachelor of Science in Computer Science		GPA: 3.52
Honors:		
- Deans List Spring 2025		
- Founders Scholarship		
Specialty:		
- Minor in Mathematics (Completed)		

EXPERIENCE

Careington International	<i>Cybersecurity & Software Engineering Intern</i>
May 2024 - Aug 2024, May 2025 - Aug 2025	

- Developed and automated workflows using **PowerShell scripts**, improving efficiency in IT security monitoring and routine system tasks.
- Wrote and executed **SQL queries** within security tools to filter and analyze data, supporting faster issue detection and resolution.
- Collaborated with engineers to **debug, troubleshoot, and optimize** applications and internal tools, strengthening problem-solving and coding skills.
- Contributed to software-related IT initiatives by applying **scripting, database querying**, and analytical skills to real-world security and engineering challenges.

Award Solutions	<i>Cybersecurity & Software Engineering Intern</i>
May 2023 - Aug 2023	

- Developed and deployed **automated scripts and configurations** in Microsoft Intune and Azure to streamline remote patch management and software updates across enterprise systems.
- Leveraged Microsoft 365 Defender, Intune, and Azure to implement security updates, reducing vulnerabilities and improving system reliability.
- Collaborated with engineering teams to test, debug, and optimize system configurations, strengthening problem-solving and technical troubleshooting skills.
- Conducted research on emerging security and **automation** solutions, providing recommendations that aligned with software-driven IT strategies.

Personal Projects

- Full-Stack Password Manager | **React, Node.js, MySQL** | Built secure web app with encrypted storage, RESTful API, and responsive UI
- PC Sales Database System | **MySQL, Python** | Designed complete retail database with automated inventory tracking and normalized schema
- Security & Systems Tools | **C++, Assembly, GDB** | Developed buffer overflow exploits, performed network analysis, and built memory scanning applications
- Portfolio Website | **HTML/CSS/JavaScript** | Custom domain portfolio showcasing projects, hosted on GitHub Pages

RELEVANT COURSEWORK AND TRAININGS

Completed: **Software Engineering, Analysis of Algorithms, Deep Learning, Database Systems**, Intro to Networks, Intro to Cybersecurity, Techniques in Programming, Data Structures, Calculus I & II, Unix/Linux System Administration, Programming Language Concepts, Discrete Math I & II, Computer Organization, Computer Systems Fundamentals

RELEVANT PROFESSIONAL SKILL

- **Programming Languages:** Java, C#, C/C++, Python, JavaScript, HTML/CSS, SQL, Assembly
- **Frameworks & Technologies:** React, Node.js, Express.js, Git, GitHub, PowerShell
- **Databases & Data Management:** MySQL, MySQL Server, Database Design, SQL Query Optimization
- **Security & Analysis Tools:** GDB (x86-64 Intel/AT&T), IDA Pro, Wireshark, Hashcat, John the Ripper
- **Systems & Platforms:** Linux/Unix, Windows, Microsoft Azure, Microsoft 365 Defender Suite
- **Networking & Security:** OSI and TCP/IP Models, Network Analysis, Penetration Testing, Vulnerability Assessment