

Aiman Ahsan

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EDUCATION

The University of Texas at Dallas

Expected Graduation: May 2027

Bachelor of Science, Information Technology Systems

GPA 3.75/4.00

- *Concentration: Cybersecurity Management*

Bachelor of Science, Finance

- *Concentration: Risk Management and Cybersecurity*

Relevant Coursework: Network and Information Security, Programming with Python, Cloud Computing with AWS, Database Fundamentals, Data Governance, Operational Risk Management, Principles of Risk Management

SKILLS

Software Languages/Scripting: Python, Java, JavaScript, HTML/CSS, PowerShell, Bash, SQL (Postgres)

Tools: AWS, Linux, Git, Nmap, Wireshark, ServiceNow, SailPoint IdentityNow, Workiva, MS Office, Tableau, Jira

Frameworks/Standards: NIST CSF, SOX, OWASP Top 10, ISO 27001, ISO 31000, OSINT, OSI Model

WORK EXPERIENCE

Cybersecurity GRC Analyst Intern

May 2025 – August 2025

Talen Energy Supply, LLC

Remote, USA

- Advanced governance and compliance by integrating SailPoint IdentityNow with Okta via SAML SSO, automating access reviews for 2,500+ Workday users
- Reduced phishing susceptibility by 7% in 2 months through Proofpoint ZenGuide, strengthening security awareness
- Explored SOC workflows, gaining hands-on exposure to SIEM tuning, log analysis, and incident response
- Enhanced 20+ cybersecurity policies during reviews, providing feedback to strengthen security and compliance
- Strengthened IT SOX audit compliance post-IPO by collecting evidence in ServiceNow, assisting with walkthroughs, and managing documentation in Workiva
- Reduced open organizational risks by 15% through assisting with 50+ risk register updates

PROJECTS

Vulnerability Scanner

March 2025 – April 2025

- Built a scalable full-stack vulnerability scanner on AWS (EC2, S3, DynamoDB), enabling users to initiate and monitor real-time network scans through a web interface
- Implemented Nmap for asynchronous scanning, identifying open ports and vulnerabilities to enhance security insights
- Developed a Flask API with Gunicorn and Nginx, using *systemd* for background management and high reliability
- Designed and deployed 8+ interactive HTML/CSS pages with custom JavaScript routing, hosted via AWS S3

Personalized Productivity Tracker

November 2024 – November 2024

- Secured 2nd place in Intel's AI Challenge at HackTX 2024 by engineering a lightweight AI-powered screen-time tracker in under 24 hours
- Optimized productivity insights by leveraging Intel NPUs with OpenVINO and a multimodal LLM for accurate, real-time activity classification

LEADERSHIP & ORGANIZATIONS

Association For Computing Machinery (ACM)

January 2025 – Present

Education Division Marketing Officer

Richardson, TX

Dallas Formula Racing (DFR)

August 2024 – Present

Software Team Data Engineer

Richardson, TX

Computer Security Group (CSG)

August 2024 – Present

Active Member

Richardson, TX