

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, Data Governance, Operational Risk Management, Principles of Risk Management, Programming with Python, Cloud Computing with AWS, Database Fundamentals

SKILLS

Software Languages/Libraries: Python, Java, JavaScript, HTML/CSS, Pandas

Tools: AWS, Linux, Excel, SailPoint IdentityNow, Git, Nmap, Proofpoint ZenGuide, Workiva, Postgres (SQL), Tableau, DBeaver, Docker

Frameworks: NIST, SOX, OWASP, ISO 27001

WORK EXPERIENCE

Talen Energy

May 2025 – Present

Cybersecurity GRC Analyst Intern

Remote, USA

- Integrating SailPoint IdentityNow with Okta via SAML SSO and automating access reviews for 2,500+ Workday users, advancing governance and compliance initiatives
- Deploying phishing campaigns via Proofpoint ZenGuide, lowering click rates by 7% in 2 months
- Supporting SOX audit readiness post-IPO by collecting change control evidence, participating in system walkthroughs, and managing documentation in Workiva
- Exploring SOC workflows, gaining hands-on exposure to SIEM tuning, log analysis, and incident response

PROJECTS

Vulnerability Scanner | AWS, Linux (Ubuntu), Nmap

March 2025 – April 2025

- Created a scalable, full-stack vulnerability scanner that lets users initiate and monitor real-time network scans via a web interface using AWS EC2, S3, and DynamoDB
- Implemented Nmap to support asynchronous network scans, identifying open ports and potential vulnerabilities
- Developed a Flask API with Gunicorn and Nginx, using *systemd* for background management and reliability
- Crafted 8+ interactive HTML/CSS pages with custom JavaScript routing, hosted through AWS S3

PrimeTime | Python

November 2024 – November 2024

- Achieved second place for the Best Use of Intel's AI Challenge at HackTX 2024
- Engineered a lightweight screen-time analysis application in under 24 hours, aimed at optimizing time management, boosting personal efficiency, and visualizing user productivity
- Leveraged Intel's NPUs with OpenVINO to enable real-time classification of user activity using a multimodal LLM, optimizing both speed and accuracy

LEADERSHIP & ORGANIZATIONS

Association For Computing Machinery (ACM)

January 2025 – Present

Education Division Officer

Richardson, TX

Dallas Formula Racing (DFR)

August 2024 – Present

Software Team Data Engineer

Richardson, TX

Computer Security Group (CSG)

September 2023 – Present

Active Member

Richardson, TX