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, ServiceNow, Postgres (SQL), Tableau, DBeaver, Docker

Frameworks: NIST CSF, SOX, OWASP Top 10, ISO 27001, OSINT

WORK EXPERIENCE

Talen Energy May 2025 – August 2025

Cybersecurity GRC Analyst Intern *Remote, USA*

- Integrated SailPoint IdentityNow with Okta via SAML SSO and automating access reviews for 2,500+ Workday users, advancing governance and compliance initiatives
- Deployed phishing campaigns via Proofpoint ZenGuide, lowering click rates by 7% in 2 months
- Supported SOX audit readiness post-IPO by collecting change control evidence in ServiceNow, participating in system walkthroughs, and managing documentation in Workiva
- Explored SOC workflows, gaining hands-on exposure to SIEM tuning, log analysis, and incident response
- Assisted with risk register updates, contributing to the identification, tracking, and mitigation of organizational risks
- Enhanced cybersecurity policies during annual reviews, providing feedback to strengthen security and compliance

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*