

Aiman Ahsan

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EDUCATION

The University of Texas at Dallas

Expected Graduation: May 2027

Bachelor of Science in Information Technology Systems

GPA 3.75/4.00

- Concentration in Cybersecurity Management

Bachelor of Science in Finance

- Concentration in 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, Plotly

Tools: AWS, Linux, Excel, RiskRecon, SailPoint, Git, Nmap, Okta, Proofpoint, CrowdStrike Falcon, Workiva, Postgres (SQL), Tableau, DBeaver, Docker

Frameworks: NIST, SOX, OWASP, ISO 27001

WORK EXPERIENCE

Talen Energy

May 2025 – Present

Cybersecurity GRC Analyst Intern

Houston, TX

- Facilitating the configuration of SailPoint to automate periodic user access review campaigns for 2,500+ Okta-managed employee accounts, supporting governance efforts
- Implementing automated phishing awareness campaigns using Proofpoint, including mock phishing delivery and mandatory training assignments for identified at-risk employees
- Assisting with NIST and SOX compliance initiatives through Workiva to manage control documentation, ensure audit readiness, and test workflows

LEADERSHIP & ORGANIZATIONS

Association For Computing Machinery (ACM)

January 2025 – Present

Education Division Officer

Richardson, TX

- Providing guidance to multiple underclassmen in resume building, academic planning, and fundamental Python

Dallas Formula Racing (DFR)

August 2024 – Present

Software Team Data Engineer

Richardson, TX

- Utilizing Python (Plotly, Pandas) to analyze, clean, and visualize CSV/CAN Bus logs of vehicle dynamics data

PROJECTS

Vulnerability Scanner | AWS, Linux (Ubuntu), Nmap

March 2025 – April 2025

- Designed and deployed a scalable, full-stack vulnerability scanner that enables users to initiate scans through a web interface and view real-time results using AWS EC2, S3, and DynamoDB
- Integrated Nmap for network scanning and handling asynchronous scanning requests to detect open ports and potential vulnerabilities
- Developed a Flask-based API using Gunicorn and Nginx and managed it with systemd for constant availability and background management
- Built and styled 8+ dynamic HTML/CSS pages with custom JavaScript routing, hosted through AWS S3

PrimeTime | Python

November 2024

- Achieved second place for the Best Use of Intel's AI Challenge at HackTX 2024
- Developed a lightweight screen-time analysis application in under 25 hours, aimed to optimize time management, boost personal efficiency, and visualize 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