Aiman Ahsan

Coppell, TX, 75019 | (469) 449-4976 | aimanahsan30@gmail.com | linkedin.com/in/aiman-ahsan/ | aiman-ahs.github.io/

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*
- Facilitated the configuration of SailPoint to automate periodic user access review campaigns for 2,500+ Okta-managed employee accounts, supporting governance efforts
- Implemented automated phishing awareness campaigns using Proofpoint, including mock phishing delivery and mandatory training assignments for identified at-risk employees
- Assisted 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