Aiman Ahsan

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EDUCATION

University of Texas at Dallas — Expected Graduation: May 2027
Bachelor of Science in Information Technology Systems (Cybersecurity Management)
Bachelor of Science in Finance (Risk Management and Cybersecurity) — **GPA: 3.75/4.00**
Relevant Coursework: Network and Information Security, Programming with Python, Cloud Computing with AWS, Database Fundamentals, Data Governance, Operational Risk Management, Principles of Risk Management

EXPERIENCE

Cybersecurity GRC Analyst Intern — May 2025 – Aug 2025
Talen Energy Supply, LLC — *Remote, TX*
- 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 **ZenGuide**, strengthening security awareness
- Explored SOC workflows using CrowdStrike Falcon, gaining hands-on exposure to **SIEM** tuning, **log analysis**, and **incident response**
- Strengthened IT SOX audit compliance post-IPO by collecting evidence in **ServiceNow**, assisting with walkthroughs, and managing documentation in **Workiva**

Data Engineer — Aug 2024 – Present
Dallas Formula Racing — *Richardson, TX*
- Analyzing, cleaning, and visualizing vehicle dynamics data (CSVs, CAN Bus logs) using **Plotly** and **Pandas** to simplify metrics for engineers and support performance improvements
- Automating file management tasks in **Linux (Ubuntu)** by scripting commands to filter and organize **10000+** files, streamlining workflows and improving efficiency

LEADERSHIP

Experience Officer — Jan 2025 – Present
Association for Computing Machinery (ACM) — *Richardson, TX*
- Leading initiatives to improve the ACM Mentor Program experience for **130+** participants through feedback systems, event coordination, and resource development
- Managing mentor-mentee onboarding, providing resources and assistance to support mentees' **technical growth**

PROJECTS

Vulnerability Scanner | *EC2, S3, DynamoDB, Nmap, Python, Flask* — Mar 2025 – Apr 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

Productivity Analytics Platform | *Python, Next.js, Redis, OpenVINO* — Nov 2024 – Nov 2024
- Won **HackTX 2024** by developing PrimeTime, an onboard productivity optimization app using **multimodal LLMs** running on Intel AI PC NPUs to classify productive work and improve time management
- Built a real-time AI dashboard with **Python** usage tracking, **Next.js** frontend, and **Redis** caching, enabling instant productivity analytics and automated application categorization with **sub 200ms response times**
- Optimized AI models with **OpenVINO** for deployment on Intel **NPUs**, enabling fast, private, on-device inference without reliance on cloud infrastructure

TECHNICAL SKILLS

Languages/Scripting: Java, Python, SQL (Postgres), JavaScript, HTML/CSS, Powershell, Bash
Tools: AWS, Linux, Nmap, Git, ServiceNow, SailPoint IdentityNow, Workiva, CrowdStrike Falcon, Tableau, MS Office
Frameworks/Standards/Practices: NIST CSF, ISO 27001, OWASP Top 10, SOX, ISO 31000, OSINT, OSI Model