J'Amari Fripp

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PROFESSIONAL SUMMARY

Information Systems student at Virginia Commonwealth University with hands-on experience in SQL database design, machine learning, and full-stack web development. Skilled in Python, SQL, and data analysis, with additional coursework in cybersecurity, cloud computing, and project management. Demonstrated leadership through community fundraising and team collaboration in Agile environments.

EDUCATION

Virginia Commonwealth University (VCU) Richmond, VA
Bachelor of Science in Information Systems. *May 2026*
Relevant Coursework: Business Information Systems, Information Technology Infrastructure, Systems Analysis and Design, Amazon Web Services, Cybersecurity Analysis, Google Project Management, Database Systems, Programming, Managing People in Organizations

EXPERIENCE

Cashier/Sales Associate June 2025 – December 2025
Dick's Sporting Goods *VA*
- Operated point-of-sale (POS) systems to accurately process cash, credit, returns, and exchanges while maintaining cash drawer integrity.
- Maintained front-end cleanliness and merchandising standards, including restocking and organizing checkout areas.

PROJECTS

Predictive Maintenance AI Project January 2026 – May 2026
INFO 320: AI for Business
- Built and tested machine learning models in Python, including K-Nearest Neighbor, Logistic Regression, and Random Forest, to predict industrial equipment failures using sensor data.
- Performed data preprocessing, feature selection, and model evaluation on a 10,000-row dataset using accuracy, recall, F1-score, and ROC/AUC metrics.
- Applied predictive analytics and business intelligence concepts to support data-driven maintenance decisions.

SQL Database Project August 2025 – December 2025
INFO 364: Database Systems
- Designed and implemented a normalized SQL database for an e-commerce environment using E-R modeling to support scalable data relationships.
- Built and tested transactional and reporting SQL queries to support inventory, orders, and customer data analysis.
- Optimized query performance and collaborated cross-functionally to align database functionality with business objectives.

Full-Stack Web Application January 2026 – May 2026
INFO 465: Information Systems Capstone
- Architected relational databases and designed normalized schemas, writing optimized SQL queries and stored procedures to ensure efficient data retrieval.
- Implemented RESTful APIs and user authentication workflows to enable secure frontend-to-backend communication.
- Collaborated in an Agile/Scrum environment using Git/GitHub for version control, code reviews, and sprint backlog management.

ACTIVITIES & LEADERSHIP

Theta Chi Fraternity December 2022 - Present
Philanthropy Chair
- Organized a fundraising initiative that raised $12,000 for the USO, demonstrating leadership and strategic planning.

SKILLS

Programming & Data: Python, SQL, JavaScript, HTML, C++, Power BI, Knime, Predictive Analysis, Data Flow Diagramming

Tools & Platforms: AWS Cloud Practitioner, Microsoft Suite, Git/GitHub, GANTT Charts

Cybersecurity & Compliance: Zero Trust Architecture (ZTA), Defense in Depth (DiD), FAIR Risk Analysis, Threat Modeling, Identity & Access Management (IAM/RBAC), Multi-Factor Authentication (MFA)

Professional: Problem-Solving, Effective Communication, Collaboration, Analytical Skills, Adaptability, Time Management