AYOTUNDE EJIKO

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EDUCATION

Cornell University

Bachelor of Science in Information Science and Economics, GPA 3.92

Expected May 2028 | Ithaca, NY

Coursework: Data Science, Machine Learning, Human Computer Interaction, Cybersecurity, Software Development

TECHNICAL SKILLS

Programming: Python, SQL, R
Data Tools: Tableau, Excel, Jupyter, Git
Techniques: Data cleaning, regression, statistical analysis, time series, clustering
Design: Figma, accessibility, responsive design
Languages: English, Yoruba, French, Mandarin, Spanish

PROFESSIONAL EXPERIENCE

Education Data and Innovation Intern

DC Public Schools, Washington, DC | May 2025 – August 2025

- Analyzed over 30,000 Panorama survey records to identify belonging and equity gaps across district schools
- Built interactive Tableau dashboards for attendance tracking, school climate metrics, and MTSS early warning indicators
- Utilized Python and Excel for statistical comparisons that informed district strategy and decision-making
- Supported planning for the 2025 DCPS Culture Institute through data storytelling and visualization

Cybersecurity Project Intern

Virginia Tech College of Engineering, Falls Church, VA | June 2024 – August 2024

- Contributed to cybersecurity education projects across multiple K-12 settings and learning environments
- Reviewed certification pathways and created comprehensive summaries for instructional planning purposes
- Applied firewalls, encryption, and penetration testing tools in practice scenarios and lab environments

Transmission and Substations Intern

Pepco, Washington, DC | June 2024 – August 2024

- Assisted engineering teams serving 894,000 customers across the Washington, DC metropolitan area
- Contributed to major infrastructure projects that improved project turnaround time by 15%
- Applied project management principles and safety procedures in field operations and on-site activities

Data and Insights Intern

Tyler Technologies, Washington, DC | June 2023 – August 2023

- Supported software deprecation projects affecting more than 50 government and enterprise clients
- Rotated through engineering, product management, and client support teams to gain cross-functional experience
- Improved team workflows by creating cross-team feedback channels and communication processes

PROJECTS

Crime and Policing Data Analysis

April 2025

- Processed NYC, DC, and LA datasets to study racial disparities in arrest patterns and law enforcement practices
- Built regression and clustering models to examine socioeconomic factors and spatial trends in policing data
- Performed time series analysis of DC arrest data from 2020 to 2024 to identify trends and patterns

Ithaca Apple Harvest Festival Website

January 2025

- Built a responsive website featuring event schedules, vendor listings, and accessibility features
- Added mobile-optimized navigation and interactive modals using jQuery and modern web design principles

Alley Cat Cafe Menu Redesign

January 2025

- Redesigned page structure using card layouts and CSS grid to enhance readability and visual appeal
- Improved accessibility with clear spacing, color contrast, and semantic HTML following WCAG guidelines

LEADERSHIP & HONORS

- DC Education Research Collaborative Advisory Member
- Black Student Empowerment Ambassador, Cornell University
- Capital One Case Competition – First Place
- National Merit Scholarship Semifinalist
- Boeing STEM Scholar
- AFCEA Scholar
- Most Innovative Intern Award