

AYOTUNDE EJIKO

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EDUCATION

Cornell University, Ithaca, NY

Bachelor of Arts in Information Science and Economics

Expected May 2028

GPA: 3.92 / 4.00

Honors: National Merit Scholarship Semifinalist

Relevant Coursework: Econometrics, Statistics, Data Science, Machine Learning, Financial Economics

EXPERIENCE

Education Data and Innovation Intern

DC Public Schools, Washington, DC

May 2025 – August 2025

- Analyzed 30,000+ survey records to identify performance and engagement gaps across district schools
- Built Tableau dashboards tracking attendance, climate metrics, and early warning indicators for district leadership
- Conducted statistical analysis using Python and Excel to inform district-level equity and resource allocation decisions
- Supported planning for district-wide Culture Institute by translating data findings into executive recommendations

Cybersecurity Project Intern

Virginia Tech College of Engineering, Falls Church, VA

June 2024 – August 2024

- Evaluated cybersecurity education programs across multiple K-12 districts to assess curriculum effectiveness
- Analyzed certification pathways and developed recommendations for instructional planning and program optimization
- Applied security tools including firewalls, encryption, and penetration testing in controlled environments

Transmission and Substations Intern

Pepco, Washington, DC

June 2024 – August 2024

- Supported engineering teams managing infrastructure for 894,000 customers across Washington, DC metropolitan area
- Contributed to major capital projects that improved project turnaround time by 15% through process optimization
- Applied project management principles and safety procedures in field operations and infrastructure planning

Data and Insights Intern

Tyler Technologies, Washington, DC
2023

June 2023 – August

- Managed software deprecation projects affecting 50+ government clients, coordinating across engineering and client teams
- Rotated through engineering, product management, and client support to gain cross-functional operational experience
- Improved team workflows by implementing cross-team feedback channels that reduced communication delays

PROJECTS

Crime and Policing Data Analysis

- Analyzed arrest pattern data across NYC, DC, and LA to quantify disparities and identify socioeconomic correlations
- Built regression and clustering models to examine spatial trends and demographic factors in law enforcement data
- Conducted time-series analysis of DC arrest data from 2020–2024 to identify temporal patterns and policy impacts

SKILLS

Data & Analysis: Python, SQL, R, Excel, Tableau

Techniques: Regression, time-series analysis, statistical modeling, clustering

Languages: English, Yoruba, French, Mandarin, Spanish

LEADERSHIP & HONORS

- Capital One Case Competition – First Place
- National Merit Scholarship Semifinalist
- Boeing STEM Scholar
- AFCEA Scholar