

AYOTUNDE EJIKO

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DATA-DRIVEN STRATEGY & ANALYTICS CONSULTANT

EDUCATION

Cornell University

Bachelor of Science in Information Science and Economics, GPA 3.92

Expected May 2028 | Ithaca, NY

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

CORE COMPETENCIES

Analytics & Insights: Statistical modeling, regression analysis, predictive analytics, time series forecasting, clustering algorithms

Business Intelligence: Tableau dashboard design, data visualization, executive reporting, KPI development and tracking

Technical Tools: Python, SQL, R, Excel, Jupyter, Git, Figma

Strategic Skills: Stakeholder management, data storytelling, process optimization, project management, client communication

Languages: English (native), Yoruba, French, Mandarin, Spanish

CONSULTING & ANALYTICAL EXPERIENCE

Data Strategy & Innovation Consultant

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

- Conducted comprehensive analysis of 30,000+ survey records to diagnose equity gaps and develop actionable recommendations for district leadership, directly informing strategic initiatives affecting 50,000+ students
- Designed and deployed interactive Tableau dashboards enabling real-time monitoring of critical KPIs including attendance rates, climate metrics, and early warning indicators for at-risk students
- Delivered data-driven strategic recommendations through Python-based statistical analysis and advanced Excel modeling, influencing multi-million dollar resource allocation decisions
- Led data storytelling initiatives for the 2025 DCPS Culture Institute, translating complex analytical findings into compelling narratives for C-suite stakeholders and board members

Cybersecurity Strategy Consultant

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

- Advised on cybersecurity curriculum development across multiple K-12 districts, conducting needs assessments and stakeholder interviews to align educational programs with industry standards
- Performed competitive analysis of certification pathways and developed strategic recommendations for program optimization, enhancing student career readiness and institutional competitiveness
- Conducted hands-on security assessments using industry-standard tools including firewalls, encryption systems, and penetration testing frameworks to evaluate program effectiveness

Infrastructure Operations Consultant

Pepco, Washington, DC | June 2024 – August 2024

- Partnered with engineering teams to optimize infrastructure delivery for 894,000-customer service territory, supporting critical utility operations across the Washington, DC metropolitan region
- Drove 15% improvement in project turnaround time through process analysis and workflow optimization recommendations, delivering measurable operational efficiency gains on multi-million dollar capital projects
- Implemented project management best practices and safety protocols across field operations, ensuring regulatory compliance and minimizing operational risk

Business Technology Consultant

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

- Managed software deprecation strategy for 50+ government clients, conducting stakeholder analysis and developing change management plans to ensure seamless technology transitions
- Rotated across engineering, product, and client support functions to deliver holistic solutions, gaining cross-functional expertise in enterprise software delivery and client relationship management
- Optimized internal processes by designing and implementing cross-team feedback mechanisms, improving collaboration efficiency and reducing communication bottlenecks by an estimated 20%

ANALYTICAL PROJECTS & CASE STUDIES

Criminal Justice Analytics: Multi-City Comparative Study

April 2025

- Executed comprehensive data analysis across NYC, DC, and LA jurisdictions to quantify racial disparities in arrest patterns, identifying systemic trends and developing policy recommendations for stakeholders
- Applied advanced statistical techniques including regression modeling and clustering algorithms to isolate socioeconomic and geographic factors influencing law enforcement practices
- Conducted longitudinal time series analysis of DC arrest data (2020-2024) to identify temporal patterns and measure impact of policy interventions

Digital Experience Strategy: Festival Website Redesign

January 2025

- Led full-stack development of responsive web platform for Ithaca Apple Harvest Festival, implementing user-centered design principles to enhance visitor engagement and information accessibility
- Optimized mobile user experience through responsive navigation architecture and interactive features using jQuery, improving cross-device accessibility and user satisfaction

UX/UI Optimization: Restaurant Menu Digital Transformation

January 2025

- Redesigned digital menu interface for Alley Cat Cafe using CSS grid and card-based layouts, improving information architecture and visual hierarchy to enhance customer decision-making
- Enhanced digital accessibility compliance through WCAG-aligned design improvements including optimized contrast ratios, semantic HTML structure, and responsive spacing systems

LEADERSHIP & RECOGNITION

- **DC Education Research Collaborative** – Advisory Board Member | Advising on education policy research initiatives
- **Black Student Empowerment Ambassador**, Cornell University | Campus leadership and student advocacy
- **Capital One Case Competition** – First Place | Competed against teams nationwide in business strategy case
- **National Merit Scholarship** – Semifinalist | Top 1% of national test-takers
- **Boeing STEM Scholar** | Competitive merit scholarship for engineering excellence
- **AFCEA Scholar** | Recognition for achievement in technology and cybersecurity fields
- **Most Innovative Intern Award** | Recognized for creative problem-solving and strategic thinking