Aaron Tyrell MITCHELL

Baltimore, MD
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ANALYTICAL SKILLS

Languages:	Python, R, SQL, T-SQL
Data Analytics & Engineering:	Data cleaning, statistical modeling, machine learning, ETL processes
Tools and Software:	ArcGIS, Tableau, Power BI, Excel, STATA

EXPERIENCE

Freelance Data Analyst   Jun 2019 - Present
- Develop data-driven solutions in Python, R, and SQL, focusing on performance evaluation, statistical modeling, and automation
- Automated data retrieval and processing for real-time metrics, providing strategic insights to senior leadership at a multinational athletic training firm
- Served as an expert witness in multiple civil proceedings, leveraging data analysis to secure $75M in unpaid wages for hourly employees across various industries
- Developed econometric models in Stata to evaluate the effectiveness of World Bank–funded impact investments in early-stage companies across Africa, Latin America, and Southeast Asia
- Designed and maintained performance-tracking systems in Python and SQL to monitor academic progress of 2,000 multilingual Black and Latino students in NYC over 5 years as part of a Gates Foundation–funded education initiative

Data Analyst | Expeditors International   Jan 2018 – Jun 2019
- Designed and deployed a machine learning model using historical usage data from a global customs and freight logistics SaaS platform to forecast churn risk and improve subscription retention
- Automated customer billing processes, reducing monthly processing time from two weeks to three days

Economic Analyst | Oxford Business Group   Apr 2016 – Sep 2017
- Researched and authored investment-focused reports on emerging African economies, analyzing macroeconomic trends, capital markets, and banking sectors to inform international investors
- Conducted over 100 interviews across West Africa with industry leaders, policy makers, and central bankers

Economic Research Assistant | Millennium Challenge Corporation   Oct 2013 – Jan 2016
- Conducted impact assessments of renewable energy and infrastructure projects in SE Asia and Sub-Saharan Africa

Foreign Service Officer | U.S. Department of State   Sep 2008 – Aug 2013
- Appointed as diplomat to U.S. Embassies and Consulates in France, Gabon, the Dominican Republic, and Barbados
- Advanced U.S. policy on global sustainability at the UN, including policy development for UNESCO's biosphere reserve strategy and international ocean science cooperation
- Served as Deputy Director of visa section, managing operations and an international staff of 30 employees

Analyst | PricewaterhouseCoopers   Jan 2005 – Jun 2006
- Performed statistical modeling to price options, restricted stock, and other employee equity incentives

EDUCATION
- Master of International Affairs in International Economics | Columbia University   May 2008
- Bachelor of Arts in Political Science | Georgetown University   May 2001

COMMUNITY ENGAGEMENT

Board Member and Treasurer | National Science Policy Network   Jan 2025 – Present