

Aaron Tyrell MITCHELL

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<https://www.aarontyrellmitchell.com>

ANALYTICAL SKILLS

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

EXPERIENCE

Data Consultant and Founder Maderas Partners LLC	Jun 2019 - Present
<ul style="list-style-type: none">Develop data-driven solutions in Python, R, and SQL, focusing on performance evaluation, statistical modeling, and automationServed as an expert witness in multiple civil legal proceedings, leveraging data analytics to secure over \$100M in unpaid wages for hourly employees across various industriesDesigned and deployed a suite of Tableau visualizations for an international nonprofit, mapping project locations, intervention types, and measurable outcomes to support strategic decision-making and stakeholder transparencyAutomated data retrieval through third-party APIs for real-time revenue and subscription metrics, providing strategic insights to senior leadership at a multinational athletic training firmDeveloped econometric models in Stata to evaluate the effectiveness of World Bank–funded impact investments in early-stage companies across Africa, Latin America, and Southeast AsiaBuilt and maintained a multi-year performance monitoring system using Python and SQL for the largest U.S. public school district, tracking academic outcomes across 2,000+ multilingual students.	
Data Analyst Expeditors International	Jan 2018 – Jun 2019
<ul style="list-style-type: none">Designed and deployed a machine learning model using customer usage data from a global customs and freight logistics SaaS platform to forecast churn risk and improve subscription retentionAutomated customer billing processes, reducing monthly processing time from two weeks to three days	
Economic Analyst Oxford Business Group	Apr 2016 – Sep 2017
<ul style="list-style-type: none">Researched and authored investment-focused reports on emerging African economies, analyzing macroeconomic trends, capital markets, and banking sectors to inform international investorsConducted over 100 interviews across West Africa with industry leaders, policy makers, and central bankers	
Economic Research Assistant Millennium Challenge Corporation	Oct 2013 – Jan 2016
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Appointed as diplomat to U.S. Embassies and Consulates in France, Gabon, the Dominican Republic, and BarbadosManaged international visa operations and compliance teams.	
Analyst PricewaterhouseCoopers	Jan 2005 – Jun 2006
<ul style="list-style-type: none">Performed statistical modeling to price options, restricted stock, and other employee equity incentives	
Capital Markets Analyst Thomson Financial	Jan 2004 – Jan 2005
<ul style="list-style-type: none">Supported investor relations strategy by monitoring stock performance, analyzing institutional trading activity, and briefing clients on market trends, competitor moves, and events likely to impact shareholder sentiment.	

EDUCATION

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

COMMUNITY LEADERSHIP

Financial Secretary and Archivist | Local Homeowners Association Dec 2025 – Present