

# Rishi Siddharth

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## Education

<b>American University</b> <b>B.S. in Data Science &amp; Minor in International Business</b>	<b>Expected Graduation May 2026</b> <b>GPA: 3.5</b>
<b>Coursework:</b> Data Manipulation, Probability Theory, Regression analysis, Statistical Machine Learning, Peace Through Entrepreneurship, Public Policy Economics, Cybersecurity Analytics	
<b>London School of Economics:</b> - Focus: Data Engineering, Economics, Business Strategy, Consulting - Leadership & Activities: VP, AU Men's Club Soccer; E-board, LSE Data Science Society - U.S. Citizen • Security Clearance Eligible • Spanish	<b>September 2024 - June 2025</b> <b>2:1 Honors</b>

## Skills

**Languages:** Python, R, SQL, Stata

**Data & Tools:** Databricks, FastAPI, Docker, Tableau, Power BI, Excel

**ML/NLP:** Machine Learning, NLP (spaCy, Hugging Face)

**Certifications:** Databricks Fundamentals; AWS Databricks Cloud Integrations (2025)

## Experience

<b>Intermezzo.ai</b> <i>Product Intern</i>	<b>Menlo Park, California</b> January 2024 - Present
• Analyzed international regulatory requirements across multiple jurisdictions to create product requirements documentation for tax compliance automation (e.g., OECD tax treaties, HMRC PAYE rules, Singapore CPF/SDL frameworks, EU GDPR reporting constraints).	
<b>Transition Pathway Initiative (TPI) Assessment API</b> <i>Data Science Researcher – London School of Economics</i>	<b>Greater London, United Kingdom</b> January 2025 - April 2025
• Co-developed a FastAPI-based web application that retrieves firms' carbon performance and management-quality data for global companies and sovereign entities.	
• Built RESTful endpoints to compute and visualize carbon-intensity projections (CP graph), using Python (Pydantic) for data handling and validation.	
• Integrated Assessing Sovereign Climate-Related Opportunities and Risks (ASCOR) into a scalable API for cross-sector performance comparison, adding features such as model context protocol (MCP) and retrieval augmented generation (RAG) features to platform.	
• Collaborated with a 15-member team under Dr. Jon Cardoso-Silva and the TPI Centre, applying version control (GitHub, CI/CD) and test-driven development.	
<b>London School of Economics - Castore Consulting</b> <i>Analyst (AI Health Tech Startup)</i>	<b>Greater London, United Kingdom</b> December 2024 - May 2025
• Built Series A pricing models and conducted multi-market competitive analysis (15+ firms) across AI health tech, informing EU and Indonesia expansion strategy.	
• Delivered client-ready insights on healthcare AI adoption, regulatory/reimbursement dynamics, and go-to-market economics.	

<b>Georgetown University REU (NSF/NSA Sponsored)</b> <i>Data Science Research Intern</i>	<b>Georgetown, Washington DC</b> May 2024 - August 2024
• Developed exploratory NLP-based machine learning models to assess geopolitical risk from legislative bill text as part of a research-focused program.	

## Projects (Selected | [GitHub](#))

### War Monitor (Ukraine):

- Built a multi-agent AI system to combine/verify conflict intelligence validation using Chain-of-Debate framework across five OSINT (OPEN SOURCE INTELLIGENCE) data streams (ACLED, satellite imagery, government, and news).

### LSE Data Science Society | How should we classify economies?

- Published 72-page paper analyzing economic classification methodologies using 7 thematic dimensions to measure country success
  - In collaboration with 4 other LSE BCS economics students.