

Raymond Eid

Raymond.Eid7@gmail.com - [LinkedIn](#) - [Portfolio Site](#)

PROFESSIONAL EXPERIENCE

dv01

New York, NY (Remote)

Senior Data Engineer

July 2023 – Present

- Own onboarding and maintenance of securitization data pipelines across 10+ client workflows of various sizes, monitoring the process of standardizing raw loan files, normalizing them, and output analytics-ready datasets while communicating with clients about unexpected data issues.
- Build and maintain a Spark/Scala ETL pipeline to run daily and monthly jobs on GCP Dataproc, orchestrated with Airflow, publishing outputs to BigQuery for downstream analytics, while progressively refactoring codebase into dbt models using star-schema design
- Engineer an LLM-driven orchestration framework via reusable skill files to automate work-intensive processes such as data modeling and regression testing, entity resolution for loans from disparate data sources, and an agentic CLI-driven chatbot for complex data investigations backed by MCP server integration
- Refactor similar jobs into a shared transform job built off one main output table, saving \$1K/month in compute, and reconfigure a job family from daily to monthly cadence to align with client needs and reduce compute costs
- Mentored and onboarded 2 new engineers on pipeline workflows, code review expectations, incident triage, as well as communication practices and company structure and writing documentation of operations

Elder Research Inc.

Arlington, VA

Data Scientist

August 2021 – July 2023

- Designed and maintained end-to-end Python data pipelines to ingest, clean, and transform financial datasets, applying risk-scoring logic for delivery into client-facing analytics dashboards
- Automated judicial letter generation through an Azure OCR pipeline that extracted text from hundreds of court documents stored in Blob Storage, populated templates, and uploaded finalized letters to Box for human review
- Partnered directly with clients to capture evolving requirements and translated needs into technical delivery

Everytown for Gun Safety

Washington, D.C. (Remote)

Research Analyst Intern

October 2020 – April 2021

- Built Tableau visualizations for pandemic-era gun sales and background check reports

Embassy of Mexico in the USA

Washington, D.C. (Remote)

Data Analyst Intern

June 2020 – September 2020

- Developed a Django web app to catalog U.S. congressional correspondence
- Automated factsheet creation for all 435 U.S. congressional districts to support ambassadorial meetings

The International Monetary Fund

Washington, D.C.

Division Coordinator

January 2016 – April 2018

- Coordinated the division's annual schedule of over a dozen technical assistance (TA) missions, aligning mission planning with budgetary constraints and strategic priorities.

EDUCATION & SKILLS

University of Chicago – Harris School of Public Policy

Chicago, IL | 2019-2021

Master of Science in Computational Analysis and Public Policy

The Ohio State University

Columbus, OH | 2011 – 2015

Bachelor of Arts in International Development Studies

- Python, SQL, Scala, Spark, R, Tableau, Django, GCP, AWS (Certified Cloud Practitioner), Azure, Unix, Shell Scripting, dbt, Databricks
- Languages: English (Native), Fluent: French and Portuguese, Conversational: Spanish and Arabic
- RAG Gaming Assistant Chatbot (side project, [more info](#)): Chroma vector DB, LlamaIndex retrieval, Mistral LLM