

MARTIN YIM

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SUMMARY

Data Scientist with a background in economics. Over 6 years of experience delivering data products and analytics capabilities at startups, IGOs, and large technology firms. Proven track record analyzing macroeconomic datasets, building machine learning systems, and working cross-functionally. Currently seeking a role in macroeconomic research and analysis.

SKILLS

Programming Languages

Python, R, SQL

Data Science Libraries

pandas, polars, numpy, scikit-learn, tensorflow, faiss

Data and Infrastructure Tools

Airflow, dbt, Jenkins, Looker, Dataiku, AWS, Terraform, Docker, Flask

Databases

Snowflake, Postgres, BigQuery, MySQL, Athena

EXPERIENCE

Data Scientist (Graduate Programme Associate)

Oct 2024 - August 2025

Bank for International Settlements

Basel, Switzerland

- Built causal inference models using R to research the relationship between economic uncertainty and tourism.
- Identified and built signals from alternative data for nowcasting key macroeconomic variables and which were highly correlated with and more timely than official statistics.
- Created and presented data monitoring prototype to high-level monetary policy decision-makers in Switzerland.

Analytics Engineer Consultant

Mar 2024 - August 2024

Mon Ami

Remote

- Developed and refactored dozens of critical client-facing data models using dbt, BigQuery, and Looker.
- Mentored junior team members, teaching engineering concepts, technical skills, and problem-solving.

Data Engineer

Dec 2022 - Sept 2023

NYSHEX

New York, NY

- Developed end-to-end data pipelines handling 100k daily API calls using Python, AWS, and Terraform.
- Created Python scripts to automate three daily operational tasks, reducing manual effort by 75%.

Data Consultant

Mar 2022 - Dec 2022

Qbiz

Remote

- Streamlined reporting by refactoring and eliminating thousands of lines of code and redundant dashboards using SQL, Looker and Airflow, leading to consolidated data sources that increased efficiency for product managers.
- Delivered presentations on tooling to the client and assisted in onboarding teammates with technical mentorship.

Data Scientist

Mar 2020 - Feb 2022

Trade Coffee

Remote

- Developed and deployed an embeddings-based item-to-item recommendation system using Python, tensorflow, faiss and Docker, which integrated into three key website features and handled 3 requests per second.
- Built a user-to-item recommendation system, improving user satisfaction by 3%, using tensorflow and Flask.

Data Analyst

Mar 2017 - Oct 2019

M.Gemi

New York, NY

- Owned and managed BI infrastructure using Looker, dbt, and Postgres. Cut key table build time from 2 hours to 15 minutes, enhancing analytics capability.
- Maintained two machine learning systems, including an LSTM marketing model which generated \$25k monthly revenue.

EDUCATION

Economics, Master of Arts - CUNY John Jay College

2022 - 2024

Relevant Coursework: Econometrics I & II

Economics, Bachelor of Arts - Boston University

2013 - 2017

Minors in Statistics & Computer Science