

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 in a variety of settings. Proven track record analyzing macroeconomic datasets, building machine learning systems, and wearing multiple hats. Currently seeking a role in technology or 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

Associate Oct 2024 - August 2025
Bank for International Settlements *Basel, Switzerland*

- 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 proof-of-concepts to key 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, cutting sales table generation time from 2 hours to 15 minutes, enhancing analytics capability
- Managed and optimized two machine learning systems, including an LSTM email marketing model using Python and TensorFlow, 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