

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) Bank for International Settlements	Oct 2024 - August 2025 <i>Basel, Switzerland</i>
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- 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 Mon Ami	Mar 2024 - August 2024 <i>Remote</i>
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- 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 NYSHEX	Dec 2022 - Sept 2023 <i>New York, NY</i>
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- 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 Qbiz	Mar 2022 - Dec 2022 <i>Remote</i>
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- 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 Trade Coffee	Mar 2020 - Feb 2022 <i>Remote</i>
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- 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 M.Gemi	Mar 2017 - Oct 2019 <i>New York, NY</i>
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- 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 Relevant Coursework: Econometrics I & II	2022 - 2024
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Economics, Bachelor of Arts - Boston University Minors in Statistics & Computer Science	2013 - 2017
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