MARTIN YIM

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SUMMARY

Data Scientist with over 5 years of experience delivering data products, infrastructure, and analytics capabilities in a variety of industries and company stages. Proven track record building machine learning systems, wearing multiple hats, and improving data quality. Currently seeking a Data Scientist role to use my skills to drive product value.

SKILLS

Programming Languages	Python, SQL, R, Rust
Data Science Libraries	pandas, polars, numpy, scikit-learn, tensorflow, faiss
Data Tools	Airflow, dbt, Jenkins, Looker
Cloud and DevOps	AWS, Terraform, Docker, Flask
Databases	Snowflake, Postgres, MySQL, Athena

EXPERIENCE

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%.
- Led proof of concept efforts and exploratory call with vendor as part of internal data quality initiative.

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.
- Implemented CI/CD best practices, testing, monitoring, and linting for Docker-based data infrastructure.

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 (expected)
Relevant Coursework: Econometrics I & II

Economics, Bachelor of Arts - Boston University — 2013 - 2017
Minors in Statistics & Computer Science