George Ho

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Experience

Flatiron Health
Senior Machine Learning Engineer

New York, NY
October 2021 – Present

- Developing deep learning models to extract clinically relevant data from unstructured real-world patient data.

Point72 Asset Management
Quantitative Researcher, NLP Research

New York, NY
July 2019 – September 2021

- Built internal financial news data products to support portfolio managers and analysts.
- Developed Bayesian and NLP models of internal data sets to generate trading signals, contributing to the fund portfolio.

Projects

A Dataset of Cryptic Crossword Clues
Open Source Core Developer

September 2021 – Present

- Created a dataset of cryptic crossword clues, which is programmatically collected and extracted from blogs and digital archives.
- The dataset is the first and only such dataset that is freely available, openly accessible and larger than any in extant literature. It is a significant work of crossword archivism.

PyMC Project
Open Source Core Developer

August 2018 – October 2021

- PyMC3 is a popular open-source Python framework for Bayesian modeling and inference.
- Maintaining littlemcmc (a standalone project of the PyMC3 samplers).

Education

The Cooper Union
BSE General Engineering, Summa Cum Laude

New York, NY
August 2015 – May 2019

- Awarded The Cooper Union Half Tuition and Innovator Merit Scholarships.

Skills (Languages, Libraries and Technologies)

- *Daily:* Python, PyData ecosystem (Jupyter, NumPy, pandas, Matplotlib, etc.), PyTorch, AWS (EC2, S3), Git, Bash
- *Weekly:* SQL (Snowflake, Postgres, SQLite), Datadog, Splunk
- *Monthly:* Airflow, Jenkins
- *Previously:* R, Docker, PyMC3, Stan, Flask, Tornado, C++