

GEORGE HO

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EXPERIENCE

Flatiron Health

Data Insights Engineer

New York, NY

October 2021 – Present

- Developing deep learning models to extract data from unstructured electronic medical records.

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

PyMC Project

Open Source Core Developer

August 2018 – Present

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

cryptics.eigenfoo.xyz

Open Source Core Developer

September 2021 – Present

- Created [a data set of cryptic crossword clues](#), collected from blogs and public digital archives. It is the first and only such data set that is openly accessible and larger than any in extant literature.
- The data set is updated daily and is used by crossword constructors and solvers.

EDUCATION

The Cooper Union

BSE General Engineering, Summa Cum Laude

New York, NY

August 2015 – May 2019

- Awarded the Cooper Union Half Tuition Scholarship and Innovator Merit Scholarship.

SKILLS (LANGUAGES, LIBRARIES AND TECHNOLOGIES)

- *Daily:* Python, PyData ecosystem (Jupyter, NumPy, pandas, Matplotlib, etc.), PyTorch, AWS (EC2, S3), Git, Bash
- *Weekly:* SQL (SQL Server, SQLite)
- *Monthly:* PyMC3, Docker
- *Previously:* Stan, Flask, Tornado, MATLAB, C++