

Fernando Hidalgo

DATA SCIENTIST / DATA ANALYST

EXPERIENCE

Rent Market App , New York, NY

Dec 2016 – Present

Creator, www.rentmarketapp.com

- Created flask web app to automate market analysis for the apartment rentals.
- Optimized a regression model that was trained on data scraped from rental websites.
- Utilizes PostgreSQL and Google Maps API to visualize surrounding apartments.
- Currently used by the North NJ Division of Richman Group.

Prismoji, New York, NY

Oct 2016 – Present

Data Scientist, Data Journalism Company

- Build analytics infrastructure to acquire, munge, and analyze millions of rows of data. Design visualization tools to communicate sentiment insights derived from emoji data.
- Draft article proposals and collaborate with Senior Data Scientist to improve and publish articles. *Work can be found in fernandodata.com/data.*

Metis, New York, NY

Jun 2016 – Sept 2016

Data Scientist, Immersive Data Science Bootcamp

- Built predictive models to develop strategies for various domains, including churn, user segmentation and education funding. Presented findings to peers and Senior Data Scientists. *Currently serves as cohort lead for the alumni group.*

Selected Work:

Worldly - News Summary D3 Tool:

- Performed NMF topic modeling on international newspapers to identify news trends across time. Scraped and processed 200,000+ articles that were stored in MongoDB.
- Presented results through visualizations using D3 and Seaborn. (fernandodata.com/data)

Forecasting Black Friday Sales :

- Built and optimized a regression model to predict Black Friday sales using PySpark's ml package. Presented recommendations by creating interactive plot.ly visualizations.

Analyzing Employee Churn:

- Analyzed root causes of employee churn by using classification models as statistical tools.

WNY Board of Education, West New York, NJ

Dec 2014 – Jun 2016

Educator, Public School

- Tracked and analyzed data to track student improvement using ABA techniques. Worked with behaviorists to craft lesson plans using insights. *Served as lead paraprofessional.*

EDUCATION

General Assembly , New York , NY

Data Science; Jan 2016

Relevant Topics: Machine Learning, Statistical Methods, Database Management

Rutgers University , New Brunswick, NJ

Bachelors of Science Degree; May 2012

Majors: Economics & Philosophy

Relevant Courses: Econometrics, Developmental Economics, Logic, Meta-Ethics

CONTACT

Cliffside Park, NJ 07010

fernancapac@gmail.com

(201) 220-6695

www.fernandodata.com

[linkedin.com/in/fernando-](https://linkedin.com/in/fernando-hidalgo)

[hidalgo](https://linkedin.com/in/fernando-hidalgo)

github.com/fernanhid

SKILLS

Languages:

Python

SQL

Bash

Frameworks/Packages:

Pandas

NumPy

Sci-kit Learn

Flask

PySpark

SciPy

Heroku

AWS(EC2)

Excel

Visualization:

D3.js

Matplotlib

Seaborn

Database Management:

MongoDB

PostgreSQL

Machine Learning:

Regression

Classification

Natural Language Processing

Clustering