

Mark Dowicz

Data Scientist

Data Scientist with a background in statistics and economics. My passion is communicating data driven solutions through my multi-faceted, problem-solving skill set.

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[LinkedIn](#)

[Github](#)

RELEVANT EXPERIENCE

General Assembly

Data Science Immersive

New York, NY | February 2021 - May 2021

- Generated a plot based movie recommender system with spaCy designed to predict the movie that a user described using plot keywords and genre
- Utilized Machine Learning techniques to collect and regress medical data to analyze and predict unhappiness in children with 75% accuracy
- Created and deployed a NLP model trained on API data capable of classifying posts on Reddit with 80% accuracy
- Placed 3rd in a Kaggle competition aimed at predicting housing prices in Ames, Iowa
- Gathered, cleaned, and modeled datasets iteratively to predict various target variables

The Windham Group

Commodity Analyst

New York, NY | Jul 2013 - May 2021

- Created and distributed over 1,000 daily market commentary reports on natural gas futures to industry participants utilizing market trends and in-house models
- Provided and worked with contacts that automated client equity reports and data gathering processes
- Gathered CME and ICE data iteratively to build a database for natural gas metric analysis
- Collaborated directly with clients to place future and options trades on all commodities
- Balanced and maintained primary clients daily equity statement

Melkonian Capital Management

Analyst Intern

New York, NY | May 2016 - Jul 2016

- Prepared and presented real estate comparable analysis on The Ritz Carlton, Grand Cayman
- Directly assisted associates with fundamental and technical analysis of prospect companies
- Partnered with Alex's Lemonade Stand and led corporate social responsibly program

SKILLS

- Python (Numpy, Pandas, Scikit-Learn, NLTK, spaCy, Tensorflow, Keras, Matplotlib)
- Classification and Regression (SVM, KNN, Decision Trees, Random Forests, Logistic Regression)
- Machine Learning
- SQL
- Git
- GitHub

EDUCATION

B.A. in Economics

Economics, Business

Gettysburg College

May 2017

Gettysburg, PA

Data Science Immersive

General Assembly

February 2021 - May 2021

New York, NY

COURSE WORK

- Developed and sharpened Python skills aimed at deriving insights from large amounts of data. Learned how to tackle complex data problems and convey those results to an audience.