

ROBERT HILL

Summary

Critical thinker with a passion for mining valuable data insights out of statistical analysis, compelling visualizations, and machine learning results. Former Big-Four consultant with experience in business process analysis and SDLC implementations of financial planning and reporting solutions.

Employment

Metis Data Science Bootcamp

Data Scientist

New York, NY

Sep 2017 to Current

Metis is an immersive data science bootcamp with a focus on Python programming, machine learning, and statistical analysis. The full-time program is centered around building end-to-end projects (from acquisition, cleaning, and preprocessing to statistical modeling, visualization, and presentation) using real-world data. See "Projects" section for examples.

KPMG, LLP

Management Consulting Associate

New York, NY

Jun 2013 to Aug 2013, Aug 2014 to Jul 2017

- Implemented a Hyperion Financial Management cash flow reporting solution as the technical reporting lead for requirements-gathering, design, testing, build, and user training for a multinational automotive manufacturer.
- Delivered strategic technology retirement initiatives and a development roadmap to achieve cost/efficiency benefits for the Controller, FP&A, and Treasury functions of a large financial services client.
- Owned status reporting, work plan management, and meeting minutes to support transition of numerous legacy financial planning, reporting and data consolidation systems to a Oracle EPM suite for a multinational agribusiness client.
- Developed training documentation and performed QA testing to support an Agile build of KPMG's Atlassian-based portal for purposes of promoting knowledge sharing and standardizing project delivery methods among advisory professionals.

Quodd Financial Information Services, Inc.

IT Support Technician

Jersey City, NJ

Jun 2012 to Aug 2012

- Provided live technical support for an equity quote system to a network of over 700 clients (brokers, traders, independent investors).
- Triaged and investigated software defects while the company was integrating new data feed source systems.
- Led training and information sessions to teach customers about basic and advanced features of the Quodd platform.

Projects

Exploring Craigslist Musicians Communities

Created an interactive web app to explore Craigslist Musicians communities and the prevalence of algorithmically-generated topics in certain geographic areas. Scraped posts from the most active Craigslist Musicians sites in the U.S. and clustered posts via non-negative matrix factorization topic modeling.

The Starting Lineup

Trained gradient-boosted tree regressors to predict weekly fantasy football performances for players in the 2017 NFL season. Achieved a season-average, root mean squared error of 5.6 points, beating ESPN's predictions by 0.5 points.

Making Music Recommendations

Trained a binary tree classifier to predict whether a user will re-listen to a given song using transactional, user, and song-specific data provided by a Taiwanese streaming music service.

Activities

New York Cares Volunteer

Songwriter and Bass Player

Contact

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Education

NYU Stern School of Business
BBA Finance / Information Systems
2014

Skills

PROGRAMMING

Python

SQL

Javascript

HTML

CSS

Bash

Git

LIBRARIES AND FRAMEWORKS

pandas

numpy

scikit-learn

xgboost

matplotlib

seaborn

flask

d3.js

scrapy

selenium

lxml

sqlite3

DATA MANAGEMENT

PostgreSQL

AWS EC2

Excel

Hyperion (Workspace, Reporting Studio, SmartView)