

ROBERT HILL

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Critical thinker and former Big4 consultant building Enterprise Performance Management solutions for Fortune 500 clients, now honing new technical skills to transition to a data-driven role.

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
MongoDB
Excel
Hyperion (Workspace, Reporting Studio, SmartView)

Activities

New York Cares Volunteer
Songwriter and Bass Player

Experience

Metis Data Science Bootcamp

Data Scientist

New York, NY

Sep 2017 to Current

Metis is a 12-week 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 real world projects, from data acquisition to statistical modeling. 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.
- Delivered strategic initiatives and a development roadmap to achieve cost/efficiency benefits for the Controller, FP&A, and Treasury functions of a financial services client.
- Owned project status reporting, work plan management, and meeting minutes to support replacement of legacy financial planning, reporting and consolidation systems with a new Oracle Hyperion Enterprise Performance Management Suite for an agribusiness client.
- Developed training documentation and performed QA testing to support an internal Agile build of KPMG's Atlassian-based portal to promote knowledge sharing and standardize project delivery methods among management consulting 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.

Brody Berman Associates

Executive Assistant

New York, NY

Sep 2011 to Mar 2012

- Managed the company blog: <http://ipcloseup.wordpress.com/>
- Conducted IP & patent related research.
- Reviewed client proposals and print media submissions.

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.

Education

NYU Stern School of Business

BBA Finance / Information Systems 2014