JARED BOOTH   DATA SCIENTIST

CONTACT

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SUMMARY

Data Scientist with a background in pure mathematics and the ability to think logically and solve problems by viewing them from different angles.

EDUCATION

Western Washington University
B.S. Mathematics 2016

SKILLS

PROGRAMMING: Python, R, Mathematica, SQL

PYTHON PACKAGES: Matplotlib, Seaborn, Selenium, BeautifulSoup, NumPy, pandas, Sklearn

OPERATING SYSTEMS: Windows, Mac, Linux

PROJECTS

Analyzing real estate descriptions

- Used natural language processing to analyze and cluster real estate descriptions.
- Identified language that correlated to fewer days on Zillow.
- This information could be used to write descriptions that sell houses faster.

Classification of credit card defaults

- Used classification methods random forest, and logistic regression to identify if a credit card holder was going to default.
- Created a cost function for false positives and negatives to optimize the model to be the most cost effective for the lender.

Predicting MLB player salary

- Used linear regression to predict the salaries of baseball players.

Visualizing MTA subway data

- Combined different data sources to optimize the placement of street teams.
- Optimization was contingent on high foot traffic and the demographics of the traffic.

EXPERIENCE

Data Scientist   Seattle, WA
Metis   Jan 2018 to Apr 2018

- Completed five data science projects during an ACCET-accredited 12-week immersive program in data analytics and machine learning.
- Used machine learning techniques such as linear regression, classification, natural language processing, data scraping and data visualization.

Asset manager intern - Property management intern   Seattle, WA
Goodman Real Estate   Jun 2014 to Sep 2014, Jun 2015 to Sep 2015

- Worked directly with an asset manager to update budgets.
- Performed analysis on competing contractor bids.
- Assigned projects and successfully performed according to plan.
- Took task oriented work and improved processes to maximize efficiency.
- Worked with the financial department updating tenant information in Argus, and assisted in underwriting for potential acquisitions.
- Performed and presented local market research to upper level management.
- Applied education in Statistics to make valuable contribution to internship project.