JARED BOOTH

DATA SCIENTIST

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in JaredZBooth
○ Booth_Metis

Data Scientist with rigorous mathematical foundations and the ability to think logically and solve problems by viewing them from different angles.

Skills

PROGRAMMING
Python
R
Mathematica
SQL

PYTHON PACKAGES
Matplotlib
Seaborn
Selenium
BeautifulSoup
NumPy
pandas
Sklearn

OPERATING SYSTEMS
Windows
Mac
Linux

Education

Western Washington University
B.S. Mathematics 2016

Data Projects

Analyzing real estate descriptions
- Used natural language processing to cluster real estate descriptions
- Identified language that correlated to fewer days on Zillow

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 data sources to optimize the placement of street teams
- Optimization was contingent on maximizing foot traffic and the target demographics of the traffic

Professional Experience

Data Scientist
Metis
Seattle, WA
Jan 2018 to Apr 2018
- Completed five data science projects during an ACCET-accredited immersive program in data analytics and machine learning
- Used supervised and unsupervised machine learning techniques such as linear regression, classification, natural language processing, data scraping and data visualization

Asset/Property Management Intern
Goodman Real Estate
Seattle, WA
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 information in Argus, and assisted in underwriting for potential acquisitions
- Applied education in Statistics to perform and presented local market research to upper level management

Activities

Lacrosse Coach · Defensive Coordinator
Feb 2017 to Current
- Assess team members' strengths and weaknesses and implement training to address needs
- Produce and execute practice plans efficiently