JARED BOOTH

DATA SCIENTIST

CONTACT

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SUMMARY

Data Scientist with rigorous mathematical foundations 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

ACTIVITIES

Lacrosse Coach · Feb 2017 to Current
Defensive coordinator

- Assess team members' strengths and weaknesses and implement training to address needs
- Produce and execute practice plans efficiently

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

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

EXPERIENCE

Data Scientist
Metis
Jan 2018 to Apr 2018
Seattle, WA

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

- 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 and scalability
- 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