New York, NY
(914) 707-3191

Alex Deckert
Data Scientist

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TECHNICAL SKILLS:

Technical: Python, SQL, Numpy, Pandas, Scikit-Learn, Scipy, Matplotlib, Seaborn, Excel, Git, Unix, AWS, Spark, NLTK, Flask, BeautifulSoup, MongoDB, Keras, Artificial Neural Nets, Convolutional Neural Nets

Machine Learning/Statistics:
Probability & Stats
A/B Testing
Hypothesis Testing
Regression Analysis
Supervised Learning
Unsupervised Learning
Recommendation Systems
Natural Language Processing
Deep Learning

COMMUNITY:

Susan G. Komen:

Raised over $500,000 for breast cancer outreach and awareness by participating in multiple fundraising events including Kickin it in Pink, The Amazin Raise and Ping Pong for the Cure.

New York Athletic Club:

Volunteered at distinguished charitable events and competed for elite semi-pro soccer team.

DATA SCIENCE PROJECTS:

- **Football Intelligence** | Capstone Project:
  Scraped data to get in game event statistics, to provide a data analysis on player performance for the current year. Custom built radar/polar plotting tool for data visualization. Predicted and built virtual player profiles with machine learning XG Boost. Built web blog to showcase project.
- **Ridesharing Churn** | Case Study:
  Analyzed app usage data and used data visualization to identify key predictors for user churn. Built random forests and XG Boosting models to predict churn with 77% accuracy.
- **Heavy Equipment Predictor** | Case Study:
  Engineered features and built model (Linear Regression) to predict the sale price of heavy equipment.
- **Movie Recommendation System** | Case Study:
  Generated movie recommendations using KMeans Clustering to tackle the cold start issue. Launched on AWS's Elastic MapReduce with Spark and Hadoop.

EDUCATION:

Galvanize Data Science Immersive Program   4/19
- A 3-month, 700+ hour data science immersive training program covering core data science theory including probability and statistics, databases, regression, supervised and unsupervised machine learning algorithms, NLP, big data tools like MapReduce, Spark and AWS, as well as data visualization.

Galvanize Intro to Python   12/18

- 2 month training program, to introduce python, data science workflows, OOP, and popular libraries like Numpy, Pandas, Matplotlib and Sci-Kit Learn.

State University of New York at Plattsburgh
B.S. Business
- Stock Market Club - 2x Stock simulator challenge winner.
- Student Managed Investment Portfolio team member.

EXPERIENCE:

Jay Company - New York, NY   1/09 - 1/18
Senior Account Executive

- Generated 30% compounded annual growth rate over 7 year period.
- Devised a sales plan to target domestic startup garment manufacturers, that tripled pipeline value in 6 months.
- Overhauled the training program for the sales team,to help decrease ramp time and increase each salespersons respective revenue.
- Explored and managed strategic partnerships with overseas factories, to help find new customers and product categories.