



# DATA SCIENTIST

## Data Scientist

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## SKILLS

AWS · Customer Segmentation ·  
flask · Git · Github · keras · MySQL ·  
Numpy · Pandas · Postgres · Python ·  
Random Forest · Scikit · Scikit-Learn ·  
SQL · statistics · Tableau ·  
time series · time series forecasting

## EDUCATION

### B.S in Statistics

Rutgers University  
04/2015

## SUMMARY

With 9 years experience working as a data scientist and more than ten years of strong academic background in analytical modeling and programming, I strive to bring high-quality business intelligence solutions to businesses seeking higher efficiency. With expertise in advanced statistical algorithms, machine learning and forecasting, I have also worked on over 1150 high performance parallel processing applications using C++ and Python.

## EXPERIENCE

### Data Scientist

06/2018 - Present

#### Grubhub

Princeton NJ

- Deployed a recommendation engine to production to conditionally recommend other menu items based on past order history, increasing average order size by 7%
- Implemented various time series forecasting techniques to predict surge in orders, lowering customer wait by 10 minutes
- Designed a model in a pilot to increase incentives for drivers during peak hours, increasing driver availability by 22%
- Led a team of 3 data scientist to model the ordering process 5 unique ways, reported results, and made recommendations to increase order output by 9%

### Data Scientist

03/2016 - 06/2018

#### ABC Company

Princeton

- Built a customer attrition random forest model that improved monthly retention by 12 basis points for clients likely to opt-out by providing relevant product features for them
- Coordinated with the product and marketing teams to determine what kind of client interactions resulted in maximized service opt-ins increasing conversions by 18%
- Partnered with product team create a production recommendation engine in Python that improved the length on-page for users with \$225K incremental annual revenue
- Compiled and analyzed data surrounding the prototypes for a prosthesis which saved over \$1M its creation

### Entry-Level Data Analyst

04/2015 - 03/2016

#### Ran

Mount Laurel NJ

- Collaborated with product managers perform cohort analysis that identified an opportunity to reduce pricing by 21% for a segment of users to boost yearly revenue by \$560,000
- Constructed operational reporting in Tableau to improve scheduling contractors saving \$90,000 the annual budget
- Implemented a long-term pricing experiment that improved customer lifetime value by 23%, submitted, and reported on monthly client enrollments, services opted in for, and the employees assigned to clients