




KANDACE LOUDOR

DATA SCIENTIST


CONTACT

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Mount Laurel, NJ 

[LinkedIn](#) 

[Github](#) 

EDUCATION

B.S.

Statistics

Rutgers University

September 2011 - April 2015

New Brunswick, NJ

SKILLS

Python (NumPy, Pandas,
Scikit-learn, Keras, Flask)

SQL (MySQL, Postgres)

Git

Time Series Forecasting

Productionizing Models

Recommendation Engines

Customer Segmentation

AWS

WORK EXPERIENCE

Data Scientist

Grubhub

June 2018 - current / 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

Spectrix Analytical Services

March 2016 - June 2018 / Princeton, NJ

- 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 to create a production recommendation engine in Python that improved the length on-page for users with \$225K in incremental annual revenue
- Compiled and analyzed data surrounding the prototypes for a prosthesis, which saved over \$1M in its creation

Entry-Level Data Analyst

Avenica

April 2015 - March 2016 / Mount Laurel, NJ

- Collaborated with product managers to 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 in the annual budget
- Implemented a long-term pricing experiment that improved customer lifetime value by 23%
- Ran, submitted, and reported on monthly client enrollments, services opted in for, and the employees assigned to clients