RAHUL MALIK

NLP Data Scientist

CONTACT

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[LinkedIn](#)

[GitHub](#)

EDUCATION

PhD, NLP

University of Maryland

Sep 2010 – Apr 2016

B.S., Statistics

Princeton University

Sep 2006 – Apr 2010

SKILLS

Python (NumPy, Pandas, Keras)

SQL (MySQL, Postgres)

Git

Time Series Forecasting

Productizing Models

Recommendation Engines

Customer Segmentation

AWS

NLP

WORK EXPERIENCE

NLP Data Scientist

Amazon • May 2018 – Present • New York, NY

- Deconstructed item descriptions to improve conversion rate by 3%.
- Built automated system to detect fake reviews, reducing them by 9%.
- Analyzed vendor response quality and reduced return rates by 7%.
- Mentored 2 junior data scientists.

Data Scientist

Priceline • Apr 2016 – May 2018 • New York, NY

- Built a price sensitivity model, reducing vacancy by 14%.
- Personalized recommendations increased bookings by 5%.
- Implemented shopping cart ranking, boosting add-to-cart by 11%.
- Saved 25 hours/month by automating rebooking suggestions.

Data Scientist Intern

Microsoft • Apr 2015 – Apr 2016 • New York, NY

- Analyzed performance reviews across 150+ engineers.
- Built model for success likelihood on Azure products.
- Improved satisfaction model that reduced CS coaching time by 11%.