Rishi Bhatia

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EXPERIENCE

FACEBOOK, INC | Contingent Worker
Aug 2018 – present | Menlo Park - CA

- Data Science Engineer, performing as an IC and partnering with growth teams within Facebook, transforming vague data problems to production code and user facing products
- Built a maps product informing disaster relief organisations about changing cell network connectivity during natural disasters. Developed the bayesian probability model, authored the data engineering pipeline and handled Terabyte scale GeoSpatial data of Facebook's 2B+ users
- Scaled a human settlement detection Machine Learning pipeline to 80 new geographies and published datasets amassing 80k+ downloads on Facebook's humanitarian website
- Improved Facebook's App release management product by creating KPIs, business benchmarking and monitoring dashboards.

DELOITTE CONSULTING | Data Scientist
Feb 2018 – present | Chicago - IL

- Data Scientist in the Applied AI group within Deloitte and working on the Facebook client account since Aug 2018
- Drove an initiative with Global HR to identify which business functions have low employee morale. Ran a likert-scale survey and analysed it through statistical inferencing
- Led the staffing effort for a major client account at Deloitte, conducted 50+ interviews, mentored new Data Scientists, created onboarding plans and contributed in growing the size of the team from 6 to 25

LUCENA RESEARCH | Quant Research Intern
May 2017 – Dec 2017 | Atlanta - GA

- Independent research under Prof Tucker Balch (Georgia Tech), researching Deep Learning applications to Intraday stock trading
- Built an automated intraday trading strategy trained on 14 years of S&P 500 stock data, achieved a simulated portfolio return of 22%, and integrated it to Lucena's trading engine

FRACTAL ANALYTICS | Analytics Consultant
Aug 2013 – Apr 2016 | Mumbai, Geneva

- Consulted for key client partners in the space of marketing analytics through predictive modelling, visual storytelling, market research, and automated BI reporting
- Enabled the marketing team @ Visa to profile early-adopters of Apple Pay, by performing customer segmentation using unsupervised clustering techniques on payments data
- Designed and built interactive dashboards in Tableau, at the core of marketing analytics powering P&G's Global Fabric Care business
- Created market mix models in R, improving the ROI on Web and TV ad spends by 12% for the Tide Pod's brand behind a $1.2M quarterly lift in sales
- Automated BI pipelines and authored scripts in R to optimise analytics report generation, shaving 20 man-hours/week

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY
Aug 2016 – Dec 2017
MASTER OF SCIENCE IN ANALYTICS

Graduate Teaching Assistant for Machine Learning for Trading (CS 7646)

MUMBAI UNIVERSITY
Jun 2009 – Aug 2013
BACHELOR OF ENGINEERING IN ELECTRONICS

SKILLS

PROGRAMMING
Python • R • SQL • Bash • PHP

DATA
Presto • Spark • MySQL

ML AND DS STACK
scikit-learn • keras/tensorflow • NLTK • NumPy/Pandas • Seaborn/Matplotlib

CLOUD
AWS • Google Cloud Platform (certified)

LINKS

Github:// **rishhbhatia**
LinkedIn:// **rishhbhatia**
Medium:// **rishh.bhatia**

INTERESTS

Cooking, surfing, rock climbing, travel