Mitch Beebe

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WORK EXPERIENCE

JPMorgan Chase & Co. *February 2018 – Present*
Data Scientist – New York, New York

- Lead, develop, and execute high-priority data science projects for Chase Consumer and Community Bank
- Analyze geospatial credit card transactions in Leaflet and Tableau to inform new branch placement across 75 markets
- Predict opportunity cost of branch consolidation using gradient boosted trees developed in PySpark
- Optimize collections call center staffing using an Error Correction Model to explain credit card delinquency
- Perform competitive analysis for C-suite audience resulting in better understanding of competitor branch location strategy
- Aid in the recruiting, interviewing, and training of approximately 15 analysts and associates

Luxottica Retail *December 2015 – February 2018*
Senior Analyst, Customer Targeting – New York, New York

- Developed ensemble model to predict lifetime value of LensCrafters customers
- Created a multi-channel attribution model to quantify effectiveness of thousands of confounding marketing campaigns
- Automated hours of manual online research with web scraping Shiny application in R
- Collaborated with an international team, including briefings to Vice Chairman and members of the board
- Lead and participated in biweekly Lunch & Learns to expose teammates to R

Nationwide Insurance *May 2015 – August 2015*
Commercial Lines R&D Analytics Intern – Columbus, Ohio

- Mined and cleaned data in Teradata SQL and SAS
- Wrote an algorithm to rerate insurance quotes for Business Auto line
- Documented objectives, methods, and analysis of customer elasticity models
- Validated generalized linear models in R and improved prediction by 20%

Luxottica Retail *May 2014 – August 2014*
CRM Predictive Analysis Intern – Mason, Ohio

- Supported all Luxottica brands with customer analytics, including profiling and A/B testing
- Improved the understanding of the customer for direct marketing techniques
- Prepared customer profile reports and presentations in R that resulted in actionable insights

EDUCATION

Miami University – Oxford, Ohio *August 2011 – May 2016*
Master of Science, Statistics
Bachelor of Science, Mathematics & Statistics

- Combined B.S./M.S. program
- Captain of Club Lacrosse team (Academic All-American and 2nd Team All-Conference)
- Master's thesis in Ecological Time Series and Data Visualization
- Coursework: Statistical Consulting, Machine Learning, Generalized Linear Models, Data Visualization, Bayesian Analysis, Time Series, Multivariate Analysis, and Design of Experiments

SKILLS

- Proficient in R, Python, SQL (Postgres, Hive, Impala)
- Some experience with Keras, PySpark, OpenCV, Tableau, Scala, Git
- Familiar with Windows, macOS, Unix/Linux

INTERESTS

- Lacrosse, hockey, disc golf