ABIGAIL CHAVER

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UC Berkeley Statistics / Operations Research senior with experience driving data projects from collection and cleaning through modeling and analysis to presenting and automating reports.

EDUCATION & SKILLS

UC Berkeley (May 2017)

- Regents' & Chancellor's Scholar
- BA Statistics
- BA Operations Research & Management Science
- Computer Science Minor
- GPA: 3.75
- SAT: 800 V / 800 M / 780 W
- GRE: 169 V / 167 M / 6 W

Coursework

- Statistics & Probability
- Design & Analysis of Experiments
- Machine Learning & Statistical Prediction
- Reproducible & Collaborative Data Science
- Multivariable Calculus
- Linear Algebra
- Structure & Interpretation of Computer Programming
- Data Structures
- Efficient Algorithms & Intractable Problems
- Artificial Intelligence
- Database Design
- Deterministic Optimization

Programming Languages

- Python
- Java
- R
- SQL
- HTML/CSS

EXPERIENCE

Data Science Intern

Summer 2016 | Branch Metrics

- Analyzed large event data from AWS S3 with Pyspark
- Built linear and decision tree models for internal metrics with Python/Pandas/numpy/scikit, R
- Managed and implemented creation of visualization dashboards on Caravel from Postgres, Druid
- Built pipelines from various analytics sources (Google Analytics, Hubspot, etc) into Postgres through APIs

Product Management Intern

Summer 2015 | Branch Metrics

- Managed website redesign. Strengthened information architecture and user flows, built new pages with Bootstrap and Jekyll, designed with Sketch, Illustrator
- Conducted qualitative and quantitative research, including surveys, A/B testing, and user flow analysis with Google Analytics to improve conversions
- Tested ad campaigns on Facebook to drive traffic

Front-End & Design Intern

Summer 2014 | Branch Metrics

- Designed and built webpages for company site and partner landing pages with Bootstrap / HTML / CSS
- Created collateral for investor and sales pitches

Research Assistant

Summer 2013 | UC Berkeley Gallant Lab

- Data processing of fMRI scans for predictive neuroscience
- Worked with Pylab and Blender visualization software

Competitions

2nd place | Amazon Logistics Competition
3rd place | Applied Predictive Technologies Competition