ABIGAIL CHAVER

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UC Berkeley Industrial Engineering and Operations Research (IEOR) MS candidate,
Computer Science/ Statistics / Operations Research triple major.
Seeking full-time positions for May 2018.

EDUCATION & SKILLS

UC Berkeley

- MS IEOR '18
- BA Operations Research '17
- BA Statistics '17
- BA Computer Science '17
- Undergraduate GPA: 3.7
- GRE: 169 V / 167 M / 6 W

Coursework

- Statistics & Probability
- Machine Learning
- Reproducible Data Science
- Experiment Design
- Linear Algebra
- Algorithms & Intractability
- Randomized Algorithms
- Artificial Intelligence
- Databases
- Linear & Nonlinear Optimization
- Network Flows
- Simulation
- Decision Analysis

Programming Languages

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

EXPERIENCE

Research Assistant

Summer 2017 | Bamman Lab

- Developing NLP models for coreference resolution on objects in long-form text
- Using scikit-learn, nltk in a Python environment

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
- 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

Competitions

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

Projects | *abbeychaver.github.io*