

Cameron Bell

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[Portfolio](#) | [LinkedIn](#)

PROFESSIONAL PROFILE

Data scientist building out applications at scale, with breadth of practical experience and depth of theoretical understanding in a wide variety of machine learning and analysis methods.

EDUCATION

Master of Information and Data Science | *University of California, Berkeley* | 3.66 2018 (anticipated)

Relevant Coursework

- Machine Learning at Scale
- Data Engineering
- Experimental Methods
- Natural Language Processing
- Statistics
- Distributed Computing

Bachelor of Applied Physics | *Brigham Young University* | Finance Emphasis | 3.59 2016

PROJECTS

Patently

Firm Comparison System

- Performed unsupervised clustering on US patents to identify market competitors in similar domain space

Movie Match

Movie Recommendation System

- Produced personalized movie recommendations with collaborative filtering algorithm, implemented in Spark MLlib
- Combined Netflix Prize and MovieLens datasets on distributed database that could handle dynamic user updates

Random Acts of Pizza

Prediction Algorithm

- Predicted success of anonymous online requests for free pizza delivery with 76% accuracy
- Engineered features and used neural network, random forest, logistic regression, Naïve Bayes, and other classifiers

Hospital Operations Research

Hospital Ranking Analysis

- Structured Medicaid dataset and performed statistical analysis, using PostgreSQL on Hive distributed database
- Professor feedback: "Your ERDs, tables, and transformations were the best that I have seen in this course!"

Blender (undergraduate capstone)

Artificial Intelligence Research

- Generated entrepreneurial ideas computationally using topic modeling over entire Wikipedia corpus
- Launched real Kickstarter campaigns using generated ideas

SKILLS

Machine Learning	Spark, Hadoop, Hive, Storm	Mathematical Modeling	Natural Language Processing
Big Data - Store & Process	Python, R, SQL, Bash/Linux	Statistical Analysis	MATLAB, Mathematica, C++

EXPERIENCE

Oracle Corporation - *Technical Analyst*

Lehi, UT (2016 - present)

- Resolved over 350 customer issues with accounting software
- Average customer satisfaction: 9/10
- Diagnosed SQL query performance, network failures, and errors in functional code

Pocket Points, Inc. - *Launch Lead*

Provo, UT (2015)

- Launched mobile advertising platform in Utah County area
- Negotiated contracts with 15 local business managers to create 42 digital coupons

Perpetual Education Fund - *Team Lead*

Provo, UT and Moldova (2015)

- Led Europe team to vet 14 microfinance institutions in local languages
- Composed and conducted vetting questionnaire by phone in Russian language

OTHER

Squaw Peak 50-Mile Run - *Finisher*

2018

National Post-Secondary Russian Essay Contest - *Gold Award*

2014