

Joshua Lelon Mitchell

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I analyze data and write code to add business value, particularly in the marketing domain.

*** To be expanded upon ***

PROFILE

Expand upon above

SKILLS

** Remove some of these that are irrelevant ** Python (numpy, pandas, matplotlib, sk-learn), git, Unix SQL, R, Matlab, HTML/CSS, JavaScript, Angular.js, C++, MPI, OpenMP, CUDA, Google Cloud (Dataflow, BigQuery, Cloud Composer), Concourse, Airflow, Spark ** Add: Google Analytics, Adobe Experience Cloud **

CAREER EXPERIENCE

MAY 2019 -
Aug 2019 | **Data Engineer Intern** (Marketing Analytics) | THE HOME DEPOT INC, Austin, TX
Tech: Google Cloud (Dataflow, BigQuery, Cloud Composer), Airflow, Concourse, Python
- worked on the Transaction Matching (TM) team, where the goal was to match people to their transactions to yield better marketing insights
- helped migrate an on-premise Hadoop-based data pipeline to Google Cloud as part of a bigger \$500,000/yr cost savings project. ** adding motivation for proj **

AUG 2017 -
May 2019 | **Research and Teacher Assistant** | TEXAS STATE UNIVERSITY, San Marcos, TX
Tech: Spark, Python (PyTorch, numpy, pandas, matplotlib, scikit-learn), Unix
- modified an existing Deep Learning model to produce high object detection accuracy on the xView dataset
- automated the end-to-end process of wrangling the dataset to training the model
** Made less technical **

JUN 2016 -
Aug 2017 | **Software Developer** | GENERAL MOTORS COMPANY (GMC), Austin, TX
Tech: Angular.js, HTML, CSS, Javascript, REST, SQL
- part of a team that developed an Angular.js mobile web application scaled across 60+ GMC factories
- developed feature enhancements that generated a large efficiency increase in factory assembly line yield

EDUCATION

MAY 2020
(part-time, evenings) | **Master of Science** in COMPUTER SCIENCE, Texas State University, San Marcos, TX
GPA: 3.73/4, Focus: Data Mining & Natural Language Processing on Marketing Data
HomeAway InternHackATX Team MVP Nominee (2017, 2018)

MAY 2016
(complete) | **Bachelor of Science** in COMPUTER SCIENCE, Texas State University, San Marcos, TX
GPA: 3.63/4, Dean's List: Fall 2015, Spring 2016
USAA 2015 Intern Innovation Open, 1st prize (resulting in patent filing)