Joshua Lelon Mitchell

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I use data and write software to bring businesses value.

TECHNICAL SKILLS

Proficient: Python (numpy, pandas, matplotlib, sk-learn), SQL, git, Unix

Familiar: R, Matlab, HTML/CSS, JavaScript, Angular.js, C++, MPI, OpenMP, CUDA

Learning: Google Cloud (Dataflow, BigQuery, Cloud Composer), Concourse, Airflow, Spark

EDUCATION

DEC 2019 — Master of Science in COMPUTER SCIENCE, **Texas State University**, San Marcos, TX
GPA: 3.80/4, Data Mining and Machine Learning focus
HomeAway InternHackATX Team MVP Nominee (2017, 2018)

MAY 2016 — 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)

CAREER EXPERIENCE

MAY 2019 -
Present
Data Engineer Intern | THE HOME DEPOT INC, Austin, TX
<u>Tech</u>: Google Cloud (Dataflow, BigQuery, Cloud Composer), Airflow, Concourse, Python

- working in Marketing Analytics on the Transaction Matching (TM) team, where the goal is to match people to their transactions to yield better marketing insights
- currently migrating an on-premise Hadoop-based data pipeline to Google Cloud

AUG 2017 -
May 2019
Graduate Research / Instructional Assistant | TEXAS STATE U., San Marcos, TX
<u>Tech</u>: Spark, Python (PyTorch, numpy, pandas, matplotlib, scikit-learn), Unix

- created a deep learning architecture that produces state of the art classification and localization accuracy on the xView dataset
- was in charge of taking a previous deep learning application and modifying it to accommodate an entirely different dataset
- automated the end-to-end process of wrangling the dataset to training the model using a series of bash scripts

JUN 2016 -
Aug 2017
Software Developer | GENERAL MOTORS COMPANY (GMC), Austin, TX
<u>Tech</u>: 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

SEP 2015 -
May 2016
Co-Op Software Engineer | IBM CORPORATION, Austin, TX
<u>Tech</u>: Angular.js, HTML, CSS, Javascript, REST, SQL, Balsamiq, Unix

- used Balsamiq to mock up application flows and the Ionic/Angular.js frameworks to build MVPs, fix existing bugs, and deliver a final application that supplied user's with server status updates