Joshua Lelon Mitchell

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I analyze data and write code to add business value.

TECHNICAL SKILLS

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

Familiar: Google Analytics (lelon.io), SQL, R, Matlab, HTML/CSS, JavaScript, Angular.js, C++

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

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 *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)

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 team, where the goal was to match people to their transactions to yield better marketing insights - helped migrate an on-premise data pipeline to Google Cloud as part of a bigger $500,000/yr cost savings project (reduced server and software maintenance costs)
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
JUN 2016 - Aug 2017	**Software Developer** | GENERAL MOTORS COMPANY (GMC), Austin, TX **Tech**: Angular.js, HTML, CSS, Javascript, REST, SQL - part of the IT Manufacturing team that developed an Angular.js mobile web application in production across 60+ GMC factories - developed features that enhanced part tracking during assembly processes, generating a large efficiency increase in vehicle yield
SEP 2015 - May 2016	**Co-Op Software Engineer** | IBM CORPORATION, Austin, TX **Tech**: Angular.js, HTML, CSS, Javascript, REST, SQL, Balsamiq, Unix - used the Ionic/Angular.js frameworks to build MVPs, fix existing bugs, and deliver a final application that supplied user's with server status updates