

Joshua Lelon Mitchell

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PROFILE

Experienced software engineer and data analyst transitioning applying those skills in the digital marketing domain (and learning new ones). Bringing forth broad scripting, automation, and analytics knowledge coupled with strong written and oral communication skills. Accomplished at managing a blog and social media presence. Experienced in solving business problems with code and data.

SKILLS

Marketing: Google Analytics (GA), Adobe Experience Cloud

Programming/Data Analysis: HTML/CSS, JavaScript, Angular.js, Unix/Linux, Python, SQL, R

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.

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 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)