

# Joshua Lelon Mitchell

Austin, TX | (512) 537-9446 | [jlelonmitchell@gmail.com](mailto:jlelonmitchell@gmail.com) | [lelon.io](http://lelon.io) | [github.com/joshualmitchell](https://github.com/joshualmitchell)

I'm a data analyst and developer with significant experience in front-end engineering, data analytics, and, most recently, data engineering. I'm looking for a full-time role (to start immediately) where I can enhance my knowledge and add value in the data analytics space.

## CAREER EXPERIENCE

---

- |                     |  |
|---------------------|--|
| AUG 2019 - Present  | <b>Masters Student</b>   TEXAS STATE UNIVERSITY, San Marcos, TX<br>- finishing up coursework   |
| MAY 2019 - Aug 2019 | <b>Data Engineer Intern (Marketing Analytics)</b>   THE HOME DEPOT INC, Austin, TX<br><u>Tech:</u> Google Cloud (Dataflow, BigQuery, Cloud Composer), Airflow, Jenkins, Python<br>- worked on the Transaction Matching team, where the goal was to match people to their transactions to yield better marketing insights<br>- helped migrate an on-premise data pipeline from Hadoop as part of a bigger \$500,000/yr cost savings project (reduced server and software maintenance costs)<br>- helped create a modern ETL (Extract, Transform, Load) pipeline using Apache Airflow, Jenkins, and Google Cloud |
| AUG 2017 - May 2019 | <b>Research and Teacher Assistant</b>   TEXAS STATE UNIVERSITY, San Marcos, TX<br><u>Tech:</u> Spark, Python (PyTorch, numpy, pandas, matplotlib, scikit-learn), Unix<br>- enhanced an existing Deep Learning model to produce high object detection accuracy on the xView dataset<br>- automated the end-to-end process of wrangling the dataset to training the model  |
| JUN 2016 - Aug 2017 | <b>Software Developer</b>   GENERAL MOTORS COMPANY (GMC), Austin, TX<br><u>Tech:</u> Angular.js, HTML, CSS, Javascript, REST, SQL<br>- part of the IT Manufacturing team that developed an Angular.js mobile web application in production across 60+ GMC factories<br>- developed features that enhanced part tracking during assembly processes, generating a large efficiency increase in vehicle yield   |

## 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) | <b>Master of Science</b> in COMPUTER SCIENCE, Texas State University, San Marcos, TX<br>GPA: 3.73/4, Focus: <u>Data Mining</u><br><i>HomeAway InternHackATX Team MVP Nominee (2017, 2018)</i>                                 |
| MAY 2016 (complete)            | <b>Bachelor of Science</b> in COMPUTER SCIENCE, Texas State University, San Marcos, TX<br>GPA: 3.63/4, Dean's List: Fall 2015, Spring 2016<br><i>USAA 2015 Intern Innovation Open, 1st prize (resulting in patent filing)</i> |