

# Joshua Lelon Mitchell

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

## OBJECTIVE

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To use data and software to help create products and services that users and clients love, help make accurate and impactful business decisions, and become a subject matter expert that people can understand and trust.

## CORE TECHNICAL SKILLS

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Data: Python (Numpy, matplotlib, Pandas, Scikit-Learn, OpenCV, PyTorch), R, Matlab, SQL

Web: HTML/CSS, JavaScript, Angular.js

Peripherals: git, \*nix, LaTeX, Eclipse, Visual Studio, Balsamiq

## CAREER EXPERIENCE

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| AUG 2017 -<br><i>Present</i> | <b>Graduate Teacher Assistant at TEXAS STATE UNIVERSITY, San Marcos, TX</b><br>I teach Algebra and pre-Calculus course material to undergraduates in a classroom setting. Responsibilities include lecturing on course content as well as developing, administering, and grading homework assignments and quizzes.              |
| JUN 2016 -<br>Aug 2017       | <b>Software Developer at GENERAL MOTORS COMPANY (GMC), Austin, TX</b><br>I developed Angular.js applications and integrated them with existing REST services. My team was responsible for developing a mobile-first web application for factory workers in 60+ factories to keep track of parts on assembly lines.              |
| SEP 2015 -<br>May 2016       | <b>Co-Op Software Engineer at IBM CORPORATION, Austin, TX</b><br>I used Balsamiq to mock up application flows and the Ionic/Angular.js frameworks to build MVPs and fix existing bugs. My team's main focus was to help redesign a mobile application that supplied the user with updates about the status of multiple servers. |

## EDUCATION

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| MAY 2019 | <b>Master of Science in APPLIED MATHEMATICS, Texas State University, San Marcos, TX</b><br>GPA: 3.50/4, Data Mining and Machine Learning focus |
| MAY 2016 | <b>Bachelor of Science in COMPUTER SCIENCE, Texas State University, San Marcos, TX</b><br>GPA: 3.63/4, Dean's List: Fall 2015, Spring 2016     |

## SELECTED PERSONAL PROJECTS

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| DRAWINGGUIDE    | Created a machine learning powered image comparison algorithm for identifying mistakes in drawings using OpenCV, and PyTorch.                                        |
| DOESCOLEMANWORK | Wrote a small Ionic/Angular.js application for the mother of a friend (a fire fighter that works a 24 hour shift every 3 days) that tells her the day he works next. |
| CHECKCLASS      | Wrote a Java Selenium script that navigates my University's class registration page and sends me a text if a specified class is available.                           |