

Joshua Lelon Mitchell

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OBJECTIVE

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

Data: Python (Numpy, matplotlib, Pandas, Scikit-Learn, PyTorch), R, ggplot2, SQL

Web: HTML/CSS, JavaScript, Angular.js

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

CAREER EXPERIENCE

AUG 2017 - <i>Present</i>	Graduate Teacher Assistant at TEXAS STATE UNIVERSITY, San Marcos, TX 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 - Aug 2017	Software Developer at GENERAL MOTORS COMPANY (GMC), Austin, TX 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 - May 2016	Co-Op Software Engineer at IBM CORPORATION, Austin, TX 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

MAY 2019	Master of Science in APPLIED MATHEMATICS, Texas State University, San Marcos, TX GPA: 3.50/4, Data Mining and Machine Learning focus
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

SELECTED PERSONAL PROJECTS

HEALTH-DATA-ANON	Presented an idea at Open Austin meet up for a variation on differential privacy involving generating a fake distribution based on the parameters of the original data using R and ggplot2.
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 that tells her the day her fire fighter son works next.