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

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

<u>Web</u>: HTML/CSS, JavaScript, Angular.js

<u>Peripherals</u>: git, *nix, LaTeX, Eclipse, Visual Studio, Balsamiq

CAREER EXPERIENCE

Aug 2017 - Present

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

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.