Joshua Lelon Mitchell

Austin, TX | (512) 537-9446 | jlm346@txstate.edu | lelon.io | github.com/joshualmitchell

RESEARCH INTERESTS

My research and thesis mainly focuses on new spectral clustering techniques with improved out-of-sample extension and scalability.

My general research interests span formal languages, automata theory, natural language processing, machine learning, and computer vision.

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

ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

DEANS LIST — Fall 2015, Spring 2016

ACADEMIC DISTINCTION — Recipient of the Undergraduate Academic Distinction Award from the Department of Computer Science at Texas State University.

MEMBER — The Texas State Computer Science Club (EXE). I primarily focused on connecting employers and relaying job opportunities to members.

CAREER EXPERIENCE

AUG 2017 - Present — Graduate Instructional 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.

CORE TECHNICAL SKILLS

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

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

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