

# Joshua LeLon Mitchell

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## CORE TECHNICAL SKILLS

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Data: Python (numpy, matplotlib, pandas, scikit-learn), R, SQL, Matlab

Web: HTML/CSS, JavaScript, Angular.js

Other: git, \*nix, LaTeX, Eclipse, Visual Studio

Planned learning: Hadoop Ecosystem (Spark, Hive, Pig, HBase, Cassandra, Kafka, etc), d3.js

## CAREER EXPERIENCE

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AUG 2017 - <i>Present</i>	<b>Graduate Instructional Assistant (TA) at TEXAS STATE UNIVERSITY</b> 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	<b>Software Developer at GENERAL MOTORS COMPANY (GMC)</b> I was part of a team that developed a new mobile-first web application for factory workers in 60+ factories to keep track of parts on assembly lines. Specific contributions included webpage development and integration with REST services.
SEP 2015 - May 2016	<b>Co-Op Software Engineer at INTERNATIONAL BUSINESS MACHINES (IBM) CORP.</b> I was part of a team of six co-op software engineers that worked with mostly back-end and mobile technologies (specifically Node.js, HTML, CSS, JavaScript, and the Ionic framework). Our main focus was to help redesign a mobile application that supplied the user with updates about the status of multiple servers and sent notifications in the event of any changes.

## EDUCATION

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MAY 2019	<b>Master of Science in APPLIED MATHEMATICS, Texas State University, San Marcos, TX</b> 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> 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.
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.
DOESCOLEMANWORK	Wrote a small Ionic application for the mother of a friend (who is a fire fighter that works a 24 hour shift every 3 days) that tells her the day he works next.

Feel free to look at my GitHub ([github.com/joshualmitchell](https://github.com/joshualmitchell)) and website ([lelon.io](http://lelon.io)), to see more details about what I've been up to.

[DrawingGuide](#) (hyperlinked) is my latest project.