

# Joshua LeLon Mitchell

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## CORE TECHNICAL SKILLS

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Data: Python (Numpy, matplotlib, Pandas, Scikit-Learn, OpenCV, PyTorch), 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 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	<b>Co-Op Software Engineer at IBM CORPORATION</b> 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> 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/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.

Feel free to look at my GitHub ([github.com/joshualmitchell](https://github.com/joshualmitchell)), website ([lelon.io](http://lelon.io)), and LinkedIn ([linkedin.com/in/joshua-mitchell-17b94077/](https://linkedin.com/in/joshua-mitchell-17b94077/)) to see more details.

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