Joshua Lelon Mitchell

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Core Technical Skills

Data: Python (numpy, matplotlib, 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

Aug 2017 - Present | **Graduate Instructional Assistant (TA) at Texas State University**
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)**
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 | **Co-Op Software Engineer at International Business Machines (IBM) Corp.**
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

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

HandGestures — Implemented a neural network in Python using matplotlib, pandas, and numpy that identifies the high five hand gesture in a picture.

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, and blog, lelon.io/blog, to see what I'm up to currently.