**LIAM E. ABBOTT**

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www.liamabbott.io github.com/liameabbott

**EDUCATION**

**UNIVERSITY OF MICHIGAN Ann Arbor, MI**

*Master of Science in Applied Statistics Awarded December 2015*

**WILLIAMS COLLEGE Williamstown, MA**

*Bachelor of Arts in Mathematics Awarded June 2013*

**EXPERIENCE**

**BROAD INSTITUTE OF MIT AND HARVARD Cambridge, MA**

*Associate Computational Biologist July 2016 - Present*

**DELOITTE CONSULTING LLP Boston, MA**

*Data Scientist January 2016 – June 2016*

* Developed Tableau dashboards for clients and designed SQL queries to feed dashboards
* Used Natural Language Processing techniques to perform sentiment analysis on social media data for a federal government agency

**UNIVERSITY OF MICHIGAN Ann Arbor, MI**

*Graduate Student Instructor August 2014 – December 2015*

* Instructor for two lab sections of course “Introduction to Statistics and Data Analysis”
* Responsible for leading weekly lab sessions for 60 students, holding weekly office hours, grading problem sets, and grading exams

**TRIPADVISOR, INC. Needham, MA**

*Analytics Intern May 2015 – July 2015*

* Developed a new data table in group’s Amazon Redshift data warehouse using Hive and SQL queries to pull and combine data from different internal sources
* Automated the weekly update process of the data table and made the table available to product managers and other non-technical users as a Tableau data source using R scripts
* Created an interactive Tableau dashboard using the new data source to visualize the data and illustrate potential uses; presented the data source and dashboard to senior management

**EATON VANCE MANAGEMENT Boston, MA**

*Research Associate, Bank Loan Group July 2013 – July 2014*

* Built models to predict corporate credit rating upgrades or downgrades
* Analyzed primary issuance of leveraged loans and conducted fundamental research on the issuing companies to recommend including or excluding the loans from company funds

**TECHNICAL SKILLS & CONTINUING EDUCATION**

* **Languages:** Python, R, Javascript, SQL, Bash
* **Frameworks:** Spark, Hail, Flask, Vue.js, Bootstrap
* **Other:** Linux, macOS, Google Cloud Platform, Tableau
* **Certificates:** Completed deeplearning.ai’s 5-course Deep Learning Specialization