

# LIAM E. ABBOTT

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## EDUCATION

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### UNIVERSITY OF MICHIGAN

*Master of Science in Applied Statistics*

**Ann Arbor, MI**

*Awarded December 2015*

### WILLIAMS COLLEGE

*Bachelor of Arts in Mathematics*

**Williamstown, MA**

*Awarded June 2013*

## EXPERIENCE

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### BROAD INSTITUTE OF MIT AND HARVARD

*Associate Computational Biologist*

**Cambridge, MA**

*July 2016 - Present*

### DELOITTE CONSULTING LLP

*Data Scientist*

**Boston, MA**

*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

*Graduate Student Instructor*

**Ann Arbor, MI**

*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.

*Analytics Intern*

**Needham, MA**

*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

*Research Associate, Bank Loan Group*

**Boston, MA**

*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

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- **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