

Kira Tebbe

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EDUCATION

Yale University | *New Haven, CT*

Double Bachelor of Arts

Applied Mathematics

Sociology (*with Distinction*)

May 2017

GPA: 3.84

cum laude

Relevant Courses: Graph Theory, Data Mining, Algorithms, Tools for Data Science, Theoretical Challenges in Network Science, Multivariate Stats

Relevant Courses: Social Networks & Society, Social History of Gossip, Modern Social Theory, Methods of Inquiry, Public Health

Thesis: *A New Way to Shop: Building a Content-Based Recommendation System for Yale College Courses*

Thesis: *'It's Not My Place': Relational Barriers, the Role of Peers, and the (Under)Reporting of Collegiate Sexual Misconduct*

WORK EXPERIENCE

Data Scientist | IBM | *Cambridge, MA*

October 2017

to present

- Data science position unavailable; exploring alternate roles inside company

Data Science Intern | City of Chicago, Department of Innovation & Technology | *Chicago, IL*

June 2017

to August 2017

- Utilized machine learning techniques to model fatal crash involvement
- Presented project findings to Department of Transportation officials

Community Impact Intern | United Way of Metropolitan Chicago | *Chicago, IL*

June 2017

to August 2017

- Interviewed Chicago residents to inform educational one-page briefs
- Conducted historical research on Chicago neighborhoods

Data Science Intern | RTI International | *Raleigh, NC*

June 2016

to August 2016

- Utilized data mining techniques to extract trends and patterns from 10 million tweets and 500,000 national survey responses
- Created and refined various data visualizations to communicate new findings

Laboratory Research Assistant | Yale University School of Public Health | *New Haven, CT*

May 2015

to August 2015

- Created a custom analysis software application (in Shiny) for researchers to conduct independent analysis of own data
- Integrated mapping, network plotting, statistical models, and graphing functionality

LEADERSHIP AND ACTIVITIES

President (8/15 – 8/16), **Publicity Chair** (8/14 – 8/15), **Member** (8/13 – 5/17) | Yale Taps

August 2013

to May 2017

- Liaison between group of 25 members and Yale administration
- Managed group funding, member fees, and purchase reimbursement
- Planned and led weekly group class & bi-annual performances

Secretary (1/15 – 1/16), **Member** (8/14 – 5/17) | Yale Club Gymnastics

August 2014

to May 2017

- Coordinated amongst 35 members for tri-weekly practices

LANGUAGES

Technical: R (Shiny, Leaflet, igraph), Python (Pandas), SQL, Git, JavaScript (D3.js), HTML, CSS

Spoken: Spanish (intermediate), Italian (intermediate), Mandarin (elementary)