

# 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**

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

**EF Education First** | Data Scientist | *Cambridge, MA*

**June 2018**

**to present**

- Lead company-wide initiatives on machine learning and data-driven research
- Manage full stack of project: data querying, analysis, visualization, and presentation
- Consult with other teams and departments on technical and statistical best practices

**IBM Watson Health** | Data Scientist | *Cambridge, MA*

**September 2017**

**to June 2018**

- Conducted data analysis and visualization for clients, including Healthy China 2030
- Evaluated synthetic data generators for potential integration with ongoing project

**Berkman Klein Center at Harvard** | Research Assistant (part-time) | *Cambridge, MA*

**March 2018**

**to June 2018**

- Archived and document articles on various forms of harmful speech online
- Conducted independent quantitative research on bias in news media

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

**June 2017**

**to August 2017**

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

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

**June 2017**

**to August 2017**

- Interviewed residents and conducted historical research on five different neighborhoods
- Wrote and disseminated one-page briefs for use as an internal office resource tool

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

**June 2016**

**to August 2016**

- Utilized machine learning on 10 million tweets and 500,000 national survey responses for two health-related research projects
- Created and refined charts and graphs to communicate findings in publishable forms

## LEADERSHIP AND ACTIVITIES

**President** (8/15 – 5/16), **Publicity Chair** (8/14 – 5/15), **Member** | Yale Tap Dance Group

**August 2013**

**to May 2017**

- Elected into leadership position to manage operations for group of 25 dancers
- Collaborated with cross-functional teams across Yale, including budget management, administration, theater and rehearsal space management, lighting team, and costumes

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

**August 2014**

**to May 2017**

- Competed on a national level as an all-around gymnast at the 2015 NAIGC competition
- Inaugural Board Member: wrote job description and trained incoming Board Members

## LANGUAGES

**Technical:** R (dplyr, ggplot, Shiny), SQL, Python, Git, HTML, CSS, JavaScript (D3.js)

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

## INTERNATIONAL EXPERIENCE

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<b>Gujarat, India</b>   Yale Reach Out   2 weeks	<b>Spring 2016</b>
<ul style="list-style-type: none"><li>Designed and implemented informational website for rural health clinic</li><li>Visited rural hospitals and clinics' dermatology, cardiology, and OB-GYN departments</li></ul>	
<b>Grado, Italy</b>   Yale Summer Session   8 weeks	<b>Summer 2014</b>
<ul style="list-style-type: none"><li>Studied Italian in a full immersion environment</li><li>Toured nearby cultural and historical sites weekly</li></ul>	
<b>Córdoba, Argentina</b>   Proyecto Carayá   4 weeks	<b>Summer 2013</b>
<ul style="list-style-type: none"><li>Volunteered at Argentina's only primate rehabilitation center</li><li>Conducted thrice daily tours of center in Spanish</li><li>Prepared plates of food for over 100 primates and 150 shelter animals</li></ul>	
<b>Atlantic Ocean</b> Exploration   Class Afloat   18 weeks	<b>Spring 2013</b>
<ul style="list-style-type: none"><li>Lived and worked on 210-foot Norwegian tall ship with 50 other students</li><li>Visited 11 countries, including Brazil, South Africa, Namibia, and Barbados</li><li>Studied Anthropology and Calculus while at sea</li></ul>	
<b>Kunming, China</b>   Where There Be Dragons   12 weeks	<b>Fall 2012</b>
<ul style="list-style-type: none"><li>Studied Mandarin daily with a group of eight other students</li><li>Planned logistics of multiple week-long tours to other Chinese cities both independently and with the group</li></ul>	
<b>Resistencia, Argentina</b>   American Field Service   4 weeks	<b>Summer 2010</b>
<ul style="list-style-type: none"><li>Studied and practiced Spanish; lived with a host family</li><li>Assisted local English teacher with class development and assignment review</li></ul>	
<b>Salamanca, Spain</b>   University of Southern Mississippi   4 weeks	<b>Summer 2009</b>
<ul style="list-style-type: none"><li>Took daily Spanish classes at the University of Salamanca</li><li>Lived with a host family in urban environment and discussed differences between American and Spanish health systems</li></ul>	

## PUBLICATIONS

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<b><i>'It's Not My Place:' Relational Barriers, the Role of Peers, and the Persistent (Under)Reporting of Collegiate Sexual Misconduct</i></b>   Journal of Social and Personal Relationships   <i>Author</i>	<b>In Revision</b>
<b><i>Polydrug Use Among Heroin Users in Cleveland</i></b>   Drug and Alcohol Dependence   <i>Co-Author</i>	<b>November 2018</b>
<b><i>Analysis of Most Widely Shared E-Cigarette Posts on Twitter</i></b>   The 2018 Society for Research on Nicotine & Tobacco (SRNT) Annual Meeting   <i>Co-Author</i>	<b>February 2018</b>
<b><i>Polydrug Use Among Opioid Users: Results from National and Local Studies</i></b>   The 2017 College on Problems of Drug Dependence (CPDD) Symposium   <i>Co-Author</i>	<b>June 2017</b>
<b><i>Photo Feature: Burma</i></b>   The Yale Global Health Review   <i>Author</i>	<b>September 2016</b>
<b><i>Photo</i></b>   Yale Global Health Leadership Institute Photo Contest   <i>Winner</i>	<b>May 2016</b>
<b><i>Take a Day Off</i></b>   Yale Daily News   <i>Author</i>	<b>March 2015</b>

## PERSONAL INTERESTS

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Taekwondo, community service, board games, logic puzzles, photojournalism, trivia