Katherine Jolly

CONTACT INFORMATION	1600 Grand Ave St. Paul, MN 55105 (703)-881-1282	https://github.com/katiejolly http://katiejolly.io katiejolly6@gmail.com

EDUCATION	**Macalester College, St. Paul, MN**	Spring 2019 (expected)

Double major Applied Mathematics/Statistics and Geography

- GPA: 3.64, Dean's List, 2016

DATA SKILLS

Software and Programming Languages: R, ArcGIS, QGIS, GitHub, Excel, Python, SQL, HTML5/CSS, LaTeX, Tableau, Django
Statistical Methods and Machine Learning: data visualization, regression, data mining/cleaning/scraping, spatial statistics, hypothesis testing, web scraping, text analysis, regressions trees, random forests, clustering

CAMPUS LEADERSHIP

Women in Math, Statistics, and Computer Science Committee
Committee Member   January 2018 - present
- Plan 1-2 meetings per week; develop GIS, SQL, Python, and R curricula

PROFESSIONAL EXPERIENCE

Macalester College Math, Statistics, and Computer Science Department
Teaching Assistant, Introduction to Data Science (COMP 112)   Aug. 2017 - current
- Attend every class to assist with in-class activities and lectures
- Hold four office hours per week to answer homework and general questions
- Serve as a mentor for students in the first year seminar section
- Grade in-class activities promptly

BlueLabs, Washington, DC
Data science intern   June - Aug. 2017
- Worked on the data science team doing projects related to political analytics
- Created maps for use in professional presentations
- Wrote python scripts to scrape web data

Planned Parenthood, St. Paul, MN
Statistical Consultant   Jan. 2017 - May 2017
- Worked with data from online records in accordance with confidentiality rules
- Built logistic models to predict no-shows
- Applied network analysis and spatial autocorrelation to determine the optimal clinic to open for late hours
- Communicated findings to Planned Parenthood staff in formal presentation to inform changes in scheduling procedures

PRESENTATIONS

Political donations from STEM community: Learning dplyr!
RLadies- Twin Cities, December 9, 2017
Writing narratives with data: An introduction to ggplot2!
RLadies- Twin Cities, November 18, 2017
Proud leaders: How women in tech talk about themselves on Twitter
Electronic Undergraduate Statistics Conference, November 3, 2017
Proud leaders: How women in tech talk about themselves on Twitter
Hack and Tell DC, August 15, 2017