Katherine Jolly

CONTACT INFORMATION	katiejolly6@gmail.com (703)-881-1282	https://github.com/katiejolly http://katiejolly.io

EDUCATION

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

Double major Applied Mathematics/Statistics and Geography   GPA 3.64

Selected relevant courses: linear algebra; statistical modeling; statistical research methods in geography; statistical computing and machine learning; metro analysis; GIS; health GIS; probability; principles of economics; microeconomic theory

TECHNICAL SKILLS

Software and Programming Languages: R, ArcGIS, QGIS, GitHub, Excel, Python, SQL, HTML5/CSS, LaTeX, Tableau, Django, Jekyll, R Shiny

Methods: data visualization, regression, data cleaning, text analysis, web scraping, random forests, clustering, geographic network analysis, spatial autocorrelation

CAMPUS LEADERSHIP

Women in Math, Statistics, and Computer Science Committee
Committee Member   Dec. 2017 - present

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
- 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