

## Katherine Jolly

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CONTACT INFORMATION	katiejolly6@gmail.com (703)-881-1282	<a href="https://github.com/katiejolly">https://github.com/katiejolly</a> <a href="http://katiejolly.io">http://katiejolly.io</a>
EDUCATION	<b>Macalester College, St. Paul, MN</b> 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, CLI  Methods: data visualization, regression, data cleaning, text analysis, web scraping, random forests, clustering, geographic network analysis, spatial autocorrelation	
CAMPUS LEADERSHIP	<b>Women in Math, Statistics, and Computer Science Committee</b> Committee Member Dec. 2017 - present	
PROFESSIONAL EXPERIENCE	<b>Macalester College Math, Statistics, and Computer Science Department</b> Teaching Assistant, Introduction to Data Science (COMP 112) Aug. 2017 - current <ul style="list-style-type: none"><li>• Attend every class to assist with in-class activities and lectures</li><li>• Hold four office hours per week to answer homework and general questions</li><li>• Serve as a mentor for students in the first year seminar section</li><li>• Grade in-class activities promptly</li></ul> <b>BlueLabs, Washington, DC</b> Data Science Intern June - Aug. 2017 <ul style="list-style-type: none"><li>• Worked on the data science team doing projects related to political analytics</li><li>• Created maps for use in professional presentations</li><li>• Wrote python scripts to scrape web data</li></ul> <b>Planned Parenthood, St. Paul, MN</b> Statistical Consultant Jan. 2017 - May 2017 <ul style="list-style-type: none"><li>• Built logistic models to predict no-shows</li><li>• Applied network analysis and spatial autocorrelation to determine the optimal clinic to open for late hours</li><li>• Communicated findings to Planned Parenthood staff in formal presentation to inform changes in scheduling procedures</li></ul>	
PRESENTATIONS	<b>Political donations from STEM community: Learning dplyr!</b> RLadies- Twin Cities, December 9, 2017 <b>Writing narratives with data: An introduction to ggplot2!</b> RLadies- Twin Cities, November 18, 2017 <b>Proud leaders: How women in tech talk about themselves on Twitter</b> Electronic Undergraduate Statistics Conference, November 3, 2017 <b>Proud leaders: How women in tech talk about themselves on Twitter</b> Hack and Tell DC, August 15, 2017	