

# George Berry

geb97@cornell.edu  
<https://georgeberry.github.io>  
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- education**      Ph.D. Candidate, Sociology, Cornell University  
                         *Committee:* Michael Macy, Benjamin Cornwell, Steven Strogatz  
M.A., Sociology, Cornell University, 2015  
B.A., English, Oberlin College, 2011
- work**              Core Data Scientist, Facebook, Core Data Science: Social Systems, Fall 2017—  
                         Present  
Intern, Facebook, CDS—Methods, Summer 2016  
Intern, Facebook, CDS—Economic Research, Summer 2015  
Intern, Morningside Analytics, Summer 2014
- publications**    George Berry and Sean J. Taylor. “Discussion quality diffuses in the digital  
                         public square”. *WWW2017*. [arXiv:1702.06677](#).  
Cheng Wang, Michael Genkin, George Berry, Liuyuan Chen and Matthew E.  
Brashears. 2014. “Blaunet”. *R package*.
- in progress**    George Berry, Christopher J. Cameron, Patrick Park and Michael W. Macy.  
                         “The Opacity Problem in Social Contagion”. [arXiv:1702.02700](#). *Under review*.  
George Berry. “Evolving cooperation in social structures”. *ASA Annual Meeting 2017, section on Rationality and Society*.  
George Berry, Ana Franco, Alexander Peysakhovich, and Sean J. Taylor.  
                         “Two-stage: A simple framework for finding CATEs”.
- conference presentations**    “The Opacity Problem in Social Contagion”, with Christopher J. Cameron.  
                         *ASA Section on Social Networks: New Methods and Measures 2017*.  
“Evolving cooperation in social structures”. *Cornell Graduate Research Symposium 2017, ASA Section on Rationality & Society 2017*.  
“Discussion quality diffuses in the digital public square”. *WWW2017*.  
“Machine learning for policy recommendations in sociology”. *Cornell SGSA Seminar 2016*.

“Two-stage: Find and summarize CATEs in experiments”. *Conference on Digital Experimentation* 2016.

“Correctly measuring social contagion”. *INSNA Sunbelt* 2016, *Cornell Sociology Symposium* 2016.

“Effects of ranking in online discussions”. *Conference on Digital Experimentation* 2015.

#### honors and awards

*Research Assistantship*. “A New Infrastructure for Monitoring Social Class Networks”. P.I. David Grusky and Michael Macy. 2015-6.

*Teaching Assistantship*. “Contemporary Sociological Theory” with David Strang. Spring 2014.

*Teaching Assistantship*. “Controversies about Inequality” with Steven Morgan. Fall 2013.

*Sage Fellowship*. Cornell University, 2012-3 and 2016-7.

#### programming languages

*General purpose*: Python, PHP/Hack, Julia

*Statistical*: R

*Database*: (postgre)SQL, HQL, MongoDB

#### professional service

*Reviewer*. *Rationality & Society* 2017.

*Reviewer*. *ICWSM* 2016, 2017.

*Co-chair*. Cornell Sociology Graduate Student Association, 2014.

#### open source contributions

*Natural Language Toolkit (NLTK)*: Rewrote algorithm for computing Vader Sentiment.