

Jan Overgoor

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Date of Birth: 11/2/1988

Nationality: Dutch

Education: Doctor of Philosophy – Management Science & Engineering (Ph.D.)
Stanford University
2016 – current

Master of Science – Symbolic Systems (M.Sc.)
Stanford University
2010 – 2012

Bachelor of Science - Artificial Intelligence (B.Sc., Honors, Cum Laude)
Faculty of Science, University of Amsterdam
2007 – 2010
Erasmus exchange, University of Edinburgh, 2009

Honors: Huygens Scholarship, Nuffic, 2010
Heitz Fellowship, 2016
Accel Fellowship, 2017

Research Experience:

01/2018 – current *'Scorecard college networks'*, research project on modeling social networks of U.S. college students, in collaboration with Facebook.

06/2018 – 11/2018 *'Choosing to grow a graph'*
Research project on modeling social network formation as a discrete choice problem.

01/2017 – current *'BankBank'*
Research project on the development and effect of cultural norms using employee communication data during a corporate merger.

06/2016 – 12/2016 *'A large-scale analysis of racial disparities in police stops across the US'*
Research project on the collection, processing and release of public records of police stops across the United States. We investigated the presence of racial bias in officer search decisions, and the impact of various policy changes.

10/2011 – 06/2012 *'An investigation of trust in the CouchSurfing community'*
M.Sc. thesis project on network and sentiment analysis on trust in social networks at Stanford University.

7/2011 – 05/2012 *'Big Move'*, consulting at data architecture and acquisition in a medical information environment at Big Move Institute.

9/2010 – 12/2010 *'SentNet'*, double term project on sentiment analysis and information propagation at Stanford University.

- 1/2010 – 7/2010 ‘*The value of learning linguistic structures in relation extraction*’,
B.Sc. project on information retrieval at University of Amsterdam.
- 9/2009 – 1/2010 ‘*Naranotation*’, honors program research project on computational automated
storytelling and augmented reality at University of Amsterdam.
- 6/2009 – 7/2009 ‘*Human-computer classification in a content management environment*’, research
internship at Hippo. Applied clustering to a collaborative tagging system.
- 9/2008 – 2/2009 ‘*Feed*’, honors program research project on applying semantic web
techniques to urban planning at University of Amsterdam.

Publications:

- Overgoor, J., State, B., and Adamic, L. (2018). The structure of U.S. college networks on Facebook. *Working paper*
- Overgoor, J., Benson, A., and Ugander, J. (2018). Choosing to grow a graph: modeling network formation as discrete choice. *Working paper*
- Pierson, E., Simoiu, C., Overgoor, J., Corbett-Davies, S., Ramachandran, V., Phillips, C., and Goel, S. (2017). A large-scale analysis of racial disparities in police stops across the United States. *Working paper*
- Overgoor, J., Wulczyn, E. and Potts, C. (2012). Trust propagation with mixed-effects models. *Proceedings of the 6th International AAAI Conference on Weblogs and Social Media (ICWSM)*. Dublin, Ireland.
- Nack, F., El Ali, A., van Kemenade, P., Overgoor, J., and van der Weij, B. (2010). A story to go, please. *Interactive Storytelling (ICIDS)*, pp. 74-85, Springer.

Conference, Seminar and Professional Presentations:

- 10/2014 ‘*Maps of relevance: How Airbnb models geographic relations with behavioral data*’
CSS 2014 Fall Conference, Stanford University
- 4/2014 ‘*Experiments at Airbnb*’
Airbnb Tech Talk with Will Moss, San Francisco, California
- 11/2013 ‘*Finding great properties: How Airbnb uses open-source technology and
analytics to deliver meaningful experiences*’
Strata-13, London, UK
- 6/2012 ‘*Trust propagation with mixed-effects models*’
Poster presentation at ICWSM-12, Dublin, Ireland
- 5/2012 ‘*Sentiment as social and context dependent*’
With Christopher Potts, Hewlett-Packard Labs, Palo Alto, California
- 5/2012 ‘*An investigation of trust in the CouchSurfing community*’
Symbolic Systems Forum, Msc. presentation, Stanford University

Teaching Experience:

- 3/2011 – 6/2011 Teaching Assistant for Profs. J. van Benthem and J. McClelland, Stanford University
- Introduction to Cognitive and Information Sciences

Relevant Work Experience:

- 06/2016 – current Independent data science consulting, San Francisco Bay Area
- CouchSurfing, BigMove, Health Tap, /pol/, Urbe, Hipcamp
- 06/2012 – 09/2017 *Facebook*, Menlo Park
- Research scientist internship working on Feed integrity and computational social science
- 09/2012 – 01/2016 *Airbnb*, San Francisco
- Senior Data scientist, responsible for analyzing large amounts of company data, guiding company and product strategy, and building out the data science team from 5 to 100 people.
 - Worked on the search algorithm, a location-based recommender system, text classification, machine learning infrastructure, market place modeling, the experimentation platform, the knowledge sharing platform, and various other projects
- 1/2012 – 6/2012 Research Assistant to Christopher Potts, Stanford University
- 3/2008 – 6/2010 *Hippo*, Amsterdam
- Web development for an open source content-management system
- 2005 – 2008 Service Industry experience in Amsterdam, The Netherlands and Barcelona, Spain
- Bartender, Supervisor

Other Interests:

Traveling, triathlon, music, literature, and tango