

# 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

## Research Experience:

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 polic 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:**

- 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. *Under review at PNAS*.
- Overgoor, J., Wulczyn, E. and Potts, C. (2012). Trust propagation with mixed-effects models. *Proceedings of the 6<sup>th</sup> 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
- Health Tap, /pol/, BigMove
- 09/2012 – 01/2016                      Airbnb, San Francisco
- Senior Data scientist, responsible for analyzing large amounts of company data and guiding company and product strategy
  - Worked on the search algorithm, a location-based recommender system, text classification, experimentation platform, knowledge sharing platform, and various other projects

3/2012 – 6/2012

Research Assistant to Christopher Potts, Stanford University

3/2008 – 6/2010

*Hippo*, Amsterdam

- Web developer to 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, volleyball, and tango