Jan Overgoor

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EDUCATION

Stanford University	Stanford, CA
Doctor of Philosophy – Management Science & Engineering (Ph.D.)	2016 – 2021
Master of Science – Symbolic Systems (M.Sc.)	2010 – 2012
University of Amsterdam	Amsterdam, The Netherlands
Bachelor of Science – Artificial Intelligence (B.Sc., Honors, Cum Laude)	2007 – 2010

WORK EXPERIENCE

Self-employed   San Francisco Bay Area, CA
Data Science Consultant   09/2009 – current
- Help companies and nonprofits with data analysis and strategy, data infrastructure and pipelines, extracting value from data, policy evaluation, improving their data culture, and growing their data teams.
- Worked for CouchSurfing, BigMove, Health Tap, Urbe, Facebook, Hipcamp, Redfin, USDR, Channing Copper.

SPAN.io   San Francisco Bay Area, CA
Staff Data Scientist, Data Science Manager   04/2022 – 04/2024
- Early member of the Data team, responsible for product development and evaluation, data modeling and infrastructure, and data-driven product strategy.
- Developed algorithms in the cloud and on device, including for short- and long-term forecasting of energy consumption, anomaly detection, battery state inference, and load management. Designed a consolidated data warehouse used across the company.
- Helped grow the team, through interviewing and successful internships, and transitioned to managing a team of 7 data scientists.

U.S. Digital Response   San Francisco Bay Area, CA
Data Lead for the Health Program   01/2021 – 08/2021
- Responsible for project sourcing and intake, client relationships, volunteer interviewing, project management, and implementation.
- Worked on digital service delivery, including web interfaces, data infrastructure and management, data analysis, and visualization.
- Advised governments on use of data to inform policy around health related topics like case-counts, outbreak risk, vaccination policy and outreach, and exposure notifications.
- Worked with partners in nonprofits and governmental organizations on the local, state, and federal levels.

Stanford University   Stanford, CA
PhD. candidate   04/2016 – 02/2021
- Performed research in applied mathematics and computational social science. Major research projects include:
  - Racial disparities in state and local police stops in the U.S., based on data gathered through public record requests.
  - Cultural integration of employees following corporate mergers as measured from email communication.
  - Causes and consequences of social network formation during and after college.
  - Unifying different network formation models under a choice process framework
- Member of the Social Algorithms Group, the Computational Policy Lab, and the Computational Culture Lab.
- Presented work on conferences (WWW, KDD, ICSWM, NetSci, ICS2, EUSN, SIAM-MDS, SIAM-NS).
- Published in academic journals (Nature Human Behavior, Social Networks) and CS conferences (WWW, KDD, ICWSM).
- Research internship at Facebook's Core Data Science team working on feed integrity and computational social science projects.

Airbnb   San Francisco, CA
Senior Data Scientist   09/2012 – 01/2016
- Early member of the Data team, responsible for analyzing large amounts of company data, general modeling of the market place and website performance, and guiding company and product strategy.
- Lead developer for multiple data tools. Worked on the first versions of the search algorithm, machine learning infrastructure, the experimentation platform and the internal knowledge sharing platform.
- Thought leader within the company and the industry on experimentation and building out data culture.
- Sourced, interviewed and mentored many Data Scientists, building out the team from 5 to 100 people.

Hippo   Amsterdam, The Netherlands
Web Developer   03/2008 – 06/2010
- Self-taught web development for an open source content-management system, in an agile product environment.

ADDITIONAL

Programming languages: Advanced in Python, R, SQL, Python, Javascript, HTML/CSS, Bash
Languages: Fluent in Dutch, English; conversational in Spanish, Albanian
Interests: Endurance sports, traveling, music, literature, and dance