

BOGDAN STATE

(650) 784-8025 ♦ bstate@stanford.edu

EDUCATION

Stanford University

June 2009 - currently

PhD in Sociology (concentration: Computational Social Science)

MS in Computer Science (from January 2014)

Current GPA: 3.99

Amherst College

August 2005 - June 2009

B.A. in History, Sociology, *summa cum laude*

Overall GPA: 3.98

SKILLS

General-Purpose Languages

Java, Python

Statistical Programming

R, Matlab, Stata

Data Manipulation

MySQL, Pig, Hive, Hadoop, Gremlin, Neo4J

Other

Vim, L^AT_EX, Linux shell scripting, NetLogo, git

Natural Languages

Romanian (native), German (advanced),

Swedish (intermediate), Italian (reading), Spanish (reading)

EXPERIENCE

Facebook Inc.

September 2013 - December 2013

Data Science Intern

Menlo Park, CA

- Work focused on studies of social movements and migrations.
- Developed Hive knowledge.
- Scientific communications covered by Washington Post, Atlantic Cities, Wired.

LinkedIn Corp.

July 2013 - September 2013

Data Science Intern

Mountain View, CA

- Developed Naive Bayes algorithm for very large classification problem.
- Acquired knowledge of Pig UDFs, basic ETL notions.

Yahoo! Inc. / Fundacio Barcelona Media

July 2012 - November 2012

Research Intern

Barcelona, Spain

- Used online data to detect human migrations, cross-country comparisons of social network features.
- Developed knowledge of Hadoop and Pig.
- Paper accepted at WSDM'13 written in three weeks, from idea to submission.
- Work covered by Washington Post, World Bank policy blogs.

Institute for Research in the Social Sciences

June 2011 - June 2012

Research Assistant

Stanford, CA

- Used data from CouchSurfing.org to study social exchange in the sharing economy.
- Developed extensive knowledge of MySQL and R.
- Additional work on social-psychological experiments.

- TA for Sociology 382: The General Linear Model (taught by Cristobal Young), Winter Qtr, 2013.
- TA for Sociology 106: The Political Party (taught by Paolo Parigi), Winter Qtr, 2012.
- Grader for Sociology 120: Interpersonal Relations (taught by Cecilia Ridgeway), Winter Qtr, 2011.

PUBLICATIONS

Parigi, Paolo, Bogdan State, Diana Dakhallallah, Rense Corten and Karen Cook (July 04, 2013). "A Community of Strangers: The Disembedding of Social Ties." PLoS One.

State, Bogdan, Ingmar Weber and Emilio Zagheni (2013). "Using I.P. Geolocation to Study International Mobility." Proceedings of the 6th ACM Conference on Web Search and Data Mining (WSDM), Rome, Italy.

Cook, Karen and Bogdan State (2013). "Trust and the Economy." In Emerging Trends in the Social and Behavioral Sciences, edited by Robert Scott and Stephen Kosslyn. Forthcoming.

State, Bogdan, Bruno Abrahao and Karen Cook (2012). "From Power to Status in Online Social Exchange." Proceedings of the 4th ACM Conference on Web Science (WebSci), Evanston, IL.

Cook, Karen and Bogdan State (2011). "Trust." Oxford Bibliographies Online.

State, Bogdan. "Strangers by Degrees: Attitudes towards Immigrants in the Aaland Islands." Aaland Islands Peace Institute Report Series no. 2009-2.

State, Bogdan. "Immigrant Integration in the Aaland Islands." Aaland Islands Peace Institute Report Series no. 2007-3.

INVITED TALKS

Migrations Research Using Online Data. Facebook Inc. Menlo Park, CA. 11/2012.

Doing Social Science with Big Data. Yahoo! Research. Barcelona, Spain. 10/2012.

From Power to Status in Online Social Exchange. WebSci Conference. Evanston, IL. 06/2012.

Risk and Uncertainty in Organizational Recruitment. NetSci Conference. Evanston, IL. 06/2012.

Generalized Trust. Intl. Network of Analytical Sociologists. New York, NY. 06/2012.

Risk and Organizational Growth. SunBelt Conference. Redondo Beach, CA. 03/12.

Trust, Risk and Uncertainty. Sociology of Risk Conference. Copenhagen, Denmark. 01/2011.

POSTERS

Using IP Geolocation to Detect Migration and Tourism Patterns. Computational and Online Social Science Workshop. New York, NY. 10/2012.

From Power to Status in Online Social Exchange. Computational and Online Social Science Workshop. New York, NY. 10/2012.

Computational Model of Interpersonal Trust. International Agent-Based Modelling Worked. Zurich, Switzerland. 07/2012.

A Computational Model of Social Norms. SunBelt Conference. Redondo Beach, CA. 03/2012.

Segregation in Social Networks: An Extension of Schelling's Model. NICO/SONIC Workshop on Complex Systems. Evanston, IL. 03/2012.

SUMMER SCHOOLS / NON-DEGREE STUDY

R Summer School, University of Manchester QMSS Program, Bucharest, Romania. 09/2010.

Complex Systems Summer School, Santa Fe Institute, Santa Fe, NM. 06/2010.

General Course, London School of Economics, London, England. 10/2007-06/2008.

German Language Summer School, Middlebury College, Middlebury, VT. 07-08/2006.