

ALEXANDER BRAND

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EDUCATION

University of Bamberg (MA): Master in Sociology — 1.3

Master thesis (Department of Information Systems and Social Networks):
Structuring and Negotiation Mechanisms
in Longitudinal Educational Networks - An Analysis of the PISA
Multi-Level Network using an Agent Based Simulation Study

2017 - 2019

University of Bamberg (BA) Bachelor in Sociology — 1.9

Bachelor thesis (Junior professorship of Sociology with focus on the internet):
Genderlock(ed)? An examination of the discourse on
the (self)image of female players using the example of AskReddit

2013 - 2017

Gymnasium Marktbreit — 2.0

A - Level

2005 - 2013

WORKING EXPERIENCE

Chair of Human-Computer Interaction

University of Bamberg
Research Assistant (Parental Leave Representative)
Research on network factors in recommendation systems and conception, implementation,
Evaluation of the exercises for the course Interactive Systems.

July 2019 - today

Chair for Economics, esp. Empirical Microeconomics

University of Bamberg
Student Assistant
Preparation of data sets for further analysis

June 2016 - June 2019

Department of Sociology, esp. Sociological Theory

University of Bamberg
Student Assistant
Research on cooperation structures within
the PISA project as well as construction and analysis of multi-level networks

May 2017 - June 2019

TEACHING EXPERIENCE

Department of Information Systems and Social Networks, Course: Tutorial SNA-NET-M: Network Theory

University of Bamberg
Supplementary tutorial to the lecture of Prof. Dr. Kai Fischbach

June 2019

ECPR Winterschool, Course: Python Programming for Social Sciences: Collecting, Analyzing and Presenting Social Media Data

University of Bamberg
Teaching Assistant of Taehee Kim

March 2019

Political Theory, Course: Introduction for Agent-based Modeling of social and political systems with NetLogo

University of Bamberg
Teaching Assistant of Daniel Mayerhoffer

October 2018

SELECTED PRESENTATIONS AT SYMPOSIA

ASI Annual Meeting 2019, Gesis Cologne

Social Inequality in the Sharing Economy
with Wieczorek, Oliver and Dörner, Niklas

November 2019

European Conference on Social Networks 2019, ETH Zurich

Structuring and Negotiation Mechanisms
in Longitudinal Educational Networks - An Analysis of the PISA
Multi-Level Network using an Agent Based Simulation Study

September 2019

Historical Network Research Conference 2018

Masaryk University, Brno
State of the Union: Semantic Topic Network Structures
in Historical Enunciative Practices

September 2018

Student Sociology Congress 2017

Chemnitz University of Technology
Genderlock(ed)? An examination of the discourse on the (self)image
of female players using the example of AskReddit

September 2017

SOFTWARE AND LANGUAGES

Languages	English: fluent, Latin: big latinum
Programming Languages	Python, R, Netlogo, Julia
Statistical Software & Tools	Stata, SPSS
Other	Microsoft Office, Markdown, Gephi, MAXQDA, L ^A T _E X

RESEARCH INTERESTS

Computational Social Science

Web scraping, data mining and analysis using network analysis and
natural language processing methods

Agent Based Modeling

Especially modelling of action and cooperation structures in networks
in R and Netlogo

Internet sociology

Qualitative and quantitative approaches to the analysis of dissemination,
conflicts and collective decision-making processes in digital spaces with a
focus on social media

EXTRA-CURRICULAR

Member of the German Sociological Association
Member of German Association for Network Research
Member of German Informatics Society
Member of AKS (Arbeitskreis Soziologie Bamberg e.V.)