

ALEXANDER BRAND

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EDUCATION

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

Master thesis: 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: 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

ECPR Winterschool, Course: Automated Web Data Collection with R

University of Bamberg

Teaching Assistant of Jan R. Riebling

March 2018

SELECTED PRESENTATIONS AT SYMPOSIA

ASI Annual Meeting 2019, Gesis Cologne

Social Inequality in the Sharing Economy

Wieczorek, Oliver and Drner, 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^AT_EX

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.)