

Alexandra Verena Rottenkolber

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EDUCATION

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| Linköping University PhD Candidate in <i>Analytical Sociology</i> , Computational Social Science Supervisors: Károly Takács, Martin Arvidsson | 2022 – 2026 <i>Norrköping, Sweden</i> |
| Hertie School of Governance MPP <i>Public Policy</i> , Concentration in Policy Analysis Courses in Logistic Regression Analysis, Longitudinal Data Analysis, Statistical Modelling & Causal inference, Economics Supervisor: Simon Munzert | 2019 – 2022 <i>Berlin, Germany</i> |
| University of Oxford MSc <i>Social Data Science</i> at the Oxford Internet Institute, Distinction Courses in Network Analysis, Applied Machine Learning, Natural Language Processing, Statistics, Research Design and Social Science Theory Supervisor: Fabian Braesemann | 2020 – 2021 <i>Oxford, UK</i> |
| Ruprecht-Karls University Heidelberg BSc in <i>Physics and Geography</i> , Grade: 1.5 | 2014 – 2018 <i>Heidelberg, Germany</i> |

ACADEMIC EXPERIENCE

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| Max Planck Institute for Demographic Research <i>Research Incubator Programme</i> Project: Network and Gender Dynamics on Mobility and Migration, in collaboration with Aliakbar Akbaritabar, Jisu Kim and Daniela Perrotta, Ola Ali, Gergely Mónus, Jiaxuan Li Tasks: Development of research question and analytical strategy, data analysis | 06/2024 – 08/2024 <i>Rostock, Germany</i> |
| Michigan State University & University of Oxford <i>Research Associate at the Quello Center for Media & Information Policy</i> Project: Digital technological inequalities from a networked perspective, in collaboration with Fabian Braesemann, Johannes M. Bauer, Ole Teutloff Tasks: Network Analysis, Network distances, Webscraping | 06/2022 – today <i>USA, UK, remote from Sweden</i> |
| University of Oxford <i>Research Assistant at the Department of Social Policy and Intervention</i> Project: Changing Elites Project, supervised by Prof Aaron Reeves, funded by the European Research Council Tasks: Big data analysis, Optical Character Recognition, text processing | 08/2021 – 02/2022 <i>Oxford, UK</i> |

TEACHING

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| Summer Institute in Computational Social Science <i>Support of Social Network Analysis(post-grad. level)</i> | 06/2023 <i>Norrköping, Sweden</i> |
| Institute for Analytical Sociology, Linköping University <i>Lecture on Gender Ineq., TA for 'Logic of Social Inquiry' & 'Network Analysis' (grad. level)</i> | 08/2024 – today <i>Norrköping, Sweden</i> |
| Swedish Interdisciplinary Research School in CSS, Linköping University <i>Support of Social Network Analysis and Machine Learning Workshops (post-grad. level)</i> | 06/2023 – 11/2023 <i>Norrköping, Sweden</i> |
| Oxford Internet Institute, University of Oxford <i>Teaching Assistant for a course in Social Network Analysis (grad. level)</i> | 01/2023 – 03/2024 <i>UK, remote from Sweden</i> |

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| Ruprecht-Karls University Heidelberg, Institute of Geography <i>Teaching Assistant for Geographical Information Systems (GIS) (undergrad.-level)</i> | 04/2018 – 07/2018 <i>Heidelberg, Germany</i> |
| International Youth Voluntary Service <i>Teaching of German in different educational institutions</i> | 09/2013 – 08/2014 <i>Jelenia Góra and Zielona Góra, Poland</i> |

EXPERIENCES OUTSIDE ACADEMIA

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| German Federal Foreign Office <i>Internship at PREVIEW – Prediction, Visualisation and Early Warning</i> Task: Contributions to a dashboard's development, database maintenance | 06/2020 – 07/2020 <i>Berlin, Germany</i> |
| German Corporation for International Cooperation (GIZ) GmbH <i>Independent External Consultant for Climate Policy</i> Task: Project Management, advice on environmental politics and climate policy | 05/2020 – 09/2020 <i>Berlin, Germany</i> |
| German Federal Parliament (Deutscher Bundestag) <i>Internship in the office of Dr. Bettina Hoffmann</i> Area: Environmental policy, environmental health and sustainability | 01/2019 – 03/2019 <i>Berlin, Germany</i> |

ENGAGEMENT

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| Institute for Analytical Sociology Register Data contact person Serving as the contact person for all population register related matters | 11/2024 – today |
| Institute for Analytical Sociology PhD Student Representatives Serving as a PhD rep. at the Institute for Analytical Sociology | 09/2022 – 08/2024 |
| CorrelAid – Good causes. Better effects. Data4Good project in cooperation with Audiopedia to provide mental health information to illiterate women in rural Pakistan | 07/2021 – 12/2021 |
| Organisation for student exchange in Middle and Eastern Europe Supervision of scholarship holders of the GFPS e.V., development of the Cooperate Design, organisation of a language course and intercultural seminars | 08/2013 – 09/2020 |
| Organisation of an Excursion to the UN Climate Change COP23 Organisation of the whole course in cooperation with the Heidelberg Centre for the Environment (HCE), the Department of Physics, Department of Geography and Department of Sinology of Heidelberg University | 04/2017 – 04/2018 |
| Interdisciplinary Forum Heidelberg Organisation of speakers series, treasurer for the student organisation | 04/2015 – 02/2018 |

SCHOLARSHIPS & STAYS ABROAD

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| Scholarships | |
| – Linköping University's Travel Grant — <i>awarded for a research stay at Cornell University, Ithaca, USA</i> | |
| – German National Academic Foundation Scholarship — <i>aka 'Studienstiftung des Deutschen Volkes'</i> | |
| – DAAD Scholarship for a master's degree programme abroad — <i>awarded for academic excellence</i> | |
| – DAAD Go East Scholarship — <i>awarded to foster academic exchange</i> | |

TECHNICAL & LANGUAGE SKILLS

Analytics & Programming

Experience in Webscraping, Statistical Analysis, Natural Language Processing, Network Analysis, Machine Learning, and Data Visualisation

- Machine Learning: *Python, R*
- Statistical Analysis: *R*
- Databases: *SQL*
- GIS Applications: *QGIS, ArcGIS*
- Graphic Design: *Adobe Illustrator, InDesign*
- Other: *Markdown, L^AT_EX, GitHub*

Languages

- German (mother tongue), English (fluent), Latin, Ancient Greek