HAUKE LICHT

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CONTACT INFORMATION

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CURRENT POSITION

Ph.D. Student   05/2018 – present
University of Zurich, Department of Political Science   *Zurich, Switzerland*
Structured Doctoral Program Political Science
- General research focus on political behavior, party competition, and computational political science
- Dissertation project studying when, how and why of political actors use anti-elite rhetorics in contexts of electoral competition
- Main contributions of dissertation research include the development of a novel, scalable method to measure anti-elite rhetoric in political communication that combines crowd-sourced human annotation, natural language processing and machine learning techniques, and an application of this method to social media data to study parties' anti-elite strategies

RELEVANT PROFESSIONAL EXPERIENCE

Data Analyst   03/2017 – 09/2017
German Social Democratic Party, Federal Party Executive   *Berlin, Germany*
Section for Databased Campaigning/Analytics
- Predictive modeling of membership enrollment data and spatio-temporal electoral mobilization potentials
- Contributing to the development of the data collection and deployment pipeline underlying the party's door-to-door canvassing web application built to facilitate the targeted deployment of campaign volunteers
- Developing R Shiny and Tableau dashboards informing the Party Executive's decision making in the Federal Election campaign
- Developing web scraper and parser programs in R, shell script, and python automating the collection and processing of third-party data
- Data Vault and 3NF SQL modeling

EDUCATION

M.A. International Relations   10/2014 – 04/2018
Freie Universität Berlin, Humboldt University Berlin, and University of Potsdam   *Berlin, Germany*

Visiting student, Graduate Studies in Political Science   08/2015 – 05/2016
Duke University   *Durham, NC, USA*

B.A. Social Sciences   09/2011 – 09/2014
Humboldt University Berlin   *Berlin, Germany*

ERASMUS student, B.A. Peace and Development Studies 09/2013 – 01/2014
Uppsala Universitet *Uppsala, Sweden*

ADDITIONAL WORK EXPERIENCE

Student Assistant 08/2016 – 03/2017
German Social Democratic Party, Federal Party Executive *Berlin, Germany*
Section for Databased Campaigning/Analytics
- Collecting election-related data at the level of municipal precincts and mapping it to socio-economic data at the house block level to enable retrospective performance and prospective/predictive analysis of the parties electoral mobilization potential
- Data Vault and 3NF SQL modeling
- Developing R Shiny dashboards

Research Assistant 05/2015 – 10/2016
Humboldt University Berlin, Chair of Comparative Politics *Berlin, Germany*
NORFACE project "The Paradox of Health Care Futures HEALTHDOX"
- Collecting and organizing data at the individual, regional, and national levels on attitudes towards the welfare state and indicators of health care systems, welfare state systems, inequality, governments' policy responsiveness, and quality of governance from different cross-national surveys and databases
- Supporting the leading post-doctoral researcher of the project's Berlin branch with exploratory analysis and visualizations of this data

Research Assistant 02/2014 – 10/2016
Humboldt University Berlin, Chair of Comparative Politics *Berlin, Germany*
DFG project "The Impact of Electoral Vulnerability on Institutional Change"
- Coordinating and contributing to the collection and cleansing of political event data from different primary sources
- Programming and maintaining a 3NF SQL database (in PostgreSQL, deployed to university servers) to make consolidated data available to both project members and third-party researchers
- Developing an R Shiny dashboard with the goals of showcasing the project's original data collection and making it accessible to project members and third-party researchers

Teaching Assistant/Tutor 10/2012 – 10/2013
Humboldt University Berlin, Chair of Empirical Social Research *Berlin, Germany*
- Teaching introductory courses accompanying the lecture on statistics and probability theory in the B.A. Social Sciences
- Teaching data management, statistical computing, and multiple regression techniques using the statistics package STATA

LANGUAGES AND TECHNICAL SKILLS

Languages	German (mother tongue), English (fluent)
Programming Languages	R (advanced), Python (intermediate), SQL (intermediate)
	Shell Scripting (intermediate), JavaScript (novice), ReactJS (novice)
Data Visualization	Tableau, R Shiny