

I am a data scientist and a political psychologist (Ph.D.) with a background in psychometrics, psycholinguistics, cross-cultural research, and modeling subjectivity. My domain expertise is particularly relevant to political consulting, targeted communication and public administration.

## SKILLS

### Data Science

2+ years 🧩 : pandas, numpy, scikit-learn, matplotlib, seaborn  
7+ years 📊 : tidyverse, tidymodels, easystats, lavaan (& its ecosystem), psychometric networks (collection of packages), bnlearn, quanteda (& its ecosystem), spacy, igraph, infer, survival, survminer, rstanarm, rjags  
**Since 2021** Tensorflow-Keras, pytorch, prophet

### Machine Learning

Regression, classification, time series, natural language processing

### Statistics

The general structural equation modeling framework, psychometric networks, Bayesian networks, social network analysis, Survival analysis, Bayesian inference

### Programming

**Since 2021** Git, Bash

### Databases

**Since 2021** Postgres, SQLite, MongoDB

### Deployment

**Since 2021** AWS (EC2, RDS), Docker, Flask

## SELECTED PROJECTS

### Attitudes towards COVID-19 and Voting Intention in Germany

🔗 Machine and deep learning, psychometrics

### Measuring Organizational Practices

🔗 Natural language processing

### Movie Recommender

🔗 Unsupervised machine learning

### Dockerized Data Pipeline

🔗 Involves: MongoDB, ETL job (sentiment analysis), Postgres & Slackbot

## RELEVANT WORK EXPERIENCE

02/2019 – 12/2021

### Researcher

[Bremen International School of Social Sciences, Psychology & Methods, Jacobs University](#), Bremen, Germany

07/2012 - 02/2020

### (Interim-) Academic Coordinator & Research Assistant Lecturer

[Social Sciences Department, European Master in Migration and Intercultural Relations CvO Universität Oldenburg](#), Oldenburg, Germany

## EDUCATION

2021

### Data Science Bootcamp

[Spiced Academy](#), Berlin, Germany

2015 - 2018

### Ph.D. in Political Science

[CvO Universität Oldenburg](#), Oldenburg, Germany

2008 - 2012

### M.A. in Political Science

[Bilkent University](#), Ankara, Turkey

2005 - 2008

### M.A. in International Relations

[Galatasaray University](#), Istanbul, Turkey

## LANGUAGES

English (Proficient), German (Intermediate), Turkish (Native)

## INTERESTS

Drumming, cycling, cooking