



I am a data scientist and a political psychologist specializing in psychometrics and psycholinguistics. My passion is revealing heterogeneity and modeling subjectivity, which translates into various unsupervised machine learning and natural language processing applications. From September onwards, I am available for data scientist, data analyst, business intelligence positions in organizations working with attitudinal or behavioral data.

SKILLS

Data Science

2+ years  : pandas, numpy, scikit-learn, matplotlib, seaborn

7+ years  : tidyverse, tidymodels, tidyflow, easystats, lavaan (& its ecosystem), psychometric networks (collection of packages), quanteda (& its ecosystem), spacy

Since 2021 Tensorflow-Keras, pytorch, prophet

Programming

Since 2021 Git, Bash

Databases

Since 2021 Postgres, SQLite, MongoDB

Deployment

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

Machine Learning

Regression, classification, time series, natural language processing

LANGUAGES


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

INTERESTS

Drumming, cycling, cooking

SELECTED PROJECTS

Measuring Organizational Practices

 Natural language processing

Movie Recommender



 Unsupervised machine learning

Image Classification with Deep Learning

 Deep learning

Dockerized Data Pipeline

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

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

RELEVANT WORK EXPERIENCE

02-11/2020

Postdoctoral Fellow

[Jacobs University](#), Bremen, Germany

- Worked as the lead data analyst in a third-party funded project ([Business Finland](#) & [Hofstede Insights](#))
- Developed a dictionary that measures organizational culture with [Hofstede's Multi-Focus Model](#)
- Used the R tidy ecosystem; the quanteda ecosystem (including spacyr), rJST, tidytext, sentimentr & the easystats ecosystem

Since 02/2019

Affiliated Postdoctoral Fellow

[Bremen International School of Social Sciences](#), Bremen, Germany

- Conducting research, publishing academic papers, teaching methods classes

01/2019 - 02/2020

(Interim-) Academic Coordinator

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

- Developed/updated the research methods curriculum by adding new quantitative & qualitative techniques and inviting experts to teach them
- Taught quantitative methods classes and academic writing
- Coordinated everything academic (receiving, entering grades, preparing diplomas) in a consortium composed of four European and three African universities

07/2012 - 07/2018

Research Assistant Lecturer

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

- Taught seminars on political psychology, national identity, populism, prejudice, and academic writing
- Conducted research; published academic papers