



# Dr. Timm Fulge

DATA SCIENTIST

+49 151 27071564 | [tim.fulge@outlook.com](mailto:tim.fulge@outlook.com) | 0000-0002-3712-0474 | [tfulge](#) | [timmfulge](#)

*I am a data scientist with 10+ years experience in collecting, wrangling, analyzing, and visualizing different types of data. I have a strong background in statistical modeling and am effective at communicating results to technical and non-technical audiences alike. My favorite programming language is R, but I am always keen to expand on my tech stack. My partner and I have three kids and live close to Hannover, Germany.*

## Relevant Work Experience

### Hannover Rück SE

DATA SCIENTIST

- Department: Life and Health - Analytics and Longevity - Data Analytics

Hannover, Germany

July 2023 - present

### City of Hannover

STATISTICIAN

- Building Bayesian multilevel models to forecast student numbers for school planning
- Development of interactive apps and dashboards to communicate results and aid planning
- Maintaining and further developing relational database for data from all municipal schools
- Aiding decision-making by providing data-driven insights to policymakers and the public

Hannover, Germany

Oct. 2017 - June 2023

### University of Bremen

RESEARCH FELLOW AND PH.D. CANDIDATE

- Authored research papers using wide array of quantitative methods
- Taught graduate level classes on statistical methods and programming
- Graduated magna cum laude with dissertation entitled 'The Political Economy of Higher Education: Inequality, Preferences, and Policy Change'

Bremen, Germany

Jan. 2013 - Sept. 2017

## Education

### University of Bremen

PH.D. IN POLITICAL SCIENCE (GRADUATED MAGNA CUM LAUDE)

Bremen, Germany

2022

### University of Bremen

M.A. IN POLITICAL SCIENCE (GRADUATED WITH DISTINCTION)

Bremen, Germany

2012

### University of California

RESEARCH FELLOWSHIP

Irvine, United States

2011

## Skills

### Data Analysis

PARAMETRIC AND NON-PARAMETRIC STATISTICS, REGRESSION AND FORECASTING METHODS

- Bayesian generalized (non-)linear multivariate multilevel models
- Geospatial statistics
- Data Collection, Management and Storage

### R

INTENSIVE KNOWLEDGE OF BOTH BASE R AND THE TIDYVERSE

- (Automatic) Reporting with RMarkdown
- Apps and Dashboards with Shiny
- Interactive maps with Leaflet
- Visualization with ggplot

### Other programming languages

CSS, HTML, GIT, LATEX, MARKDOWN, STATA, SQL, YAML

### Natural languages

GERMAN (NATIVE), ENGLISH (C2), FRENCH (A2)

## **Microsoft Office**

EXCEL, OUTLOOK, ONENOTE, POWERPOINT, WORD