



Qixiang Fang

Master's Student in Methodology & Statistics



Summary

- My passion for quantitative research and programming led me to my current master's study in methodology and statistics, where I learn to use both statistics and computer science to solve real-world problems. I very much enjoy these experiences and am seeking a scientific career in this field.



Education

Sep 2017 -
present

- **MSc in Methodology & Statistics, Utrecht University**

- Additional Degree in European Masters of Official Statistics
- Honors Degree in Interdisciplinary Research
- Student Representative & Advisory Committee Member

Sep 2013 -
Aug 2016

- **BAs in Psychology & Social Sciences, Jacobs University Bremen**

- GPA: 1.3 (Level: Excellent; 243 ECTS credits)
- Member of the President's List of the Academic Years 2014-2016



Experience

Sep 2018 -
present

- **Thesis Intern, Statistics Netherlands (CBS)**

Supervisors: Joep Burger, Ralph Meijers & Kees van Berkel

Project: Modelling and predicting survey response behaviour with time-dependent data such as weather and Google Trends, using discrete-time survival analysis, regularisation and random forests.

Jan 2018 -
present

- **Research Assistant, Utrecht University**

I assist Prof. Rens van de Schoot in two projects.

- **Project 1:** Text Classification in Systematic Reviews
 - Data scraping and pre-processing
 - Word2vec embeddings visualisation
- **Project 2:** Optimal Priors for Bayesian Measurement Invariance Testing
 - Develop 2D and 3D graphics to understand selection of model priors

Oct 2016 -
Jun 2017

- **Data Analyst & Programmer**

WINIT GmbH, Bremen

- Automated update and retrieval of sales data using Python and JavaScript
- Advised on warehouse storage efficiency and in-house logistics efficiency
- Data management using Excel, Google Spreadsheets, and SQLite
- Increased company's overall work efficiency by over 20%

Jun 2015 -
Aug 2016

- **Research Assistant, Jacobs University Bremen**

- Conducted a study on the effect of mediation on the wellbeing of highly sensitive persons, with Prof. Margrit Schreier
- Assisted Prof. Diana Boer in measurement equivalence tests
- Tutored two courses: Meta-Analysis & Qualitative Research



Personal Info

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12-10-1992

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References

Prof. Dr. Rens van de Schoot,
Methodologist at Utrecht University,
A.G.J.vandeSchoot@uu.nl

Dr. Joep Burger, Methodologist at
CBS, j.burger@cbs.nl



Software

Proficient: R, Python, SPSS

Basic Fluency: Mplus, HLM,
LaTeX, JavaScript, SQL



Skills

Critical and analytical thinking



Languages

English: Proficient

Mandarin: Native

Dutch: B1+

German: B1+