

Rianne Schouten – Resume

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		GitHub	RianneSchouten.github.io

Research

Jan 2016 - University of Utrecht, Department of Methodology and Statistics
May 2019 *PhD Candidate*

My research focused on the evaluation of methods dealing with missing data. A research proposal, my publications, and an overview of my specific research activities can be found on rianneschouten.github.io. After a few publications, I decided to give my time and focus to my job and put my PhD on-hold.

Nov 2016 - Columbia University in the City of New York
Dec 2016 *Staff Associate of Prof. Andrew Gelman*

As part of the **STAN** development team, I assisted Dr. Gerko Vink and Prof. Andrew Gelman with their research and software development.

Sep 2015 - SRON, Dutch Institute of Space Research
Dec 2015 *Internship, Grade: 9.0*

The extensive simulation study I performed to test the technique of Principal Component Analysis on Fe55 X-ray Pulses resulted in a [SPIE conference paper](#)

Software skills

R, RMarkdown	> 1500 hours
SQL	> 1000 hours
SPSS	> 600 hours
Logi Analytics	> 500 hours
Python	> 500 hours
Power BI	> 150 hours
Javascript	> 50 hours
Shiny, Bokeh, Highcharts	> 50 hours
OpenBugs, RJags	> 40 hours
HLM, MPlus	> 40 hours

Employment

March 2018 - Samen Veilig Midden-Nederland
Present *Developer Data & Analytics*

It is my job to structure and standardize the analyses of sensitive and highly classified data. On the one hand I take an active part in writing the SQL queries and performing the calculations in R, Logi Analytics and Power BI. On the other hand, I also oversee the system requirements and allocate work to other developers and stakeholders.

April 2017 - DPA Professionals - Excellence Program for Data Science

Feb 2018 *Missing Data Specialist / Data Scientist*

Senior Data Scientists from **Bigdata Republic** taught me about Linux, Virtual Machines, Machine Learning, Feature Engineering, Recommendation Systems, Neural Networks, Kaggle, Hadoop, and much more.

May 2015 - Summerschool Utrecht

April 2017 *Teaching Assistant*

I taught in the following courses: Survey Research: Design, Implementation and Data Processing - Survey Research: Statistical Analysis and Estimation - Introduction to Research Methods and Statistics for Social Scientists'. My work was appreciated as follows by Prof. Edith de Leeuw:

Rianne was a first class assistant at our summer school courses. Not only was all material prepared extremely punctual and without errors, she also got very high student evaluations. I can wholeheartedly recommend Rianne!

Jan 2014 - Statistical Consultant

April 2017 *Teacher, Advisor*

Many bachelor's, master's and doctoral students have difficulties with performing their statistical analyses. I functioned as an adviser, a teacher, a guide or as a co-author for many students.

Education

2015 - 2017 Methodology and Statistics for the Behavioral, Biomedical and Social Sciences

Research Master, GPA: 4.0

This research master's programme focuses on the methodological and statistical aspects of social and biomedical research. I especially enjoyed to delve into the mathematical background of analyses and exploring how to use computer techniques to gain the information we desire.

2013 - 2014 Several preparatory programmes

2009 - 2012 Medicine - University of Utrecht

Bachelor, GPA: 3.24

2003 - 2009 Pre-university Education - CSG Reggesteyn Nijverdal

Average grade: 8.3

Competencies

- Learning ability
- Analytical
- Perseverance
- Courage
- Result-orientedness
- Independence
- Honesty
- Problem solving