Rianne Schouten – Résumé

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Research

Jan 2016 - Present
University of Utrecht, Department of Methodology and Statistics
PhD Candidate

My research focuses on the evaluation of methods dealing with missing data. How can we be sure certain missing data methods work well? And what method is best for a given missing data situation?

A research proposal, my publications, and an overview of my specific research activities can be found on rianneschouten.github.io

Nov 2016 - Dec 2016
Columbia University in the City of New York
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 - Dec 2015
SRON, Dutch Institute of Space Research
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

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Software skills

R, RMarkdown	> 1100 hours
Python	> 500 hours
Javascript	> 50 hours
SQL	> 80 hours
Logi Analytics	> 50 hours
Shiny, Bokeh, Highcharts	> 50 hours
SPSS	> 600 hours
OpenBugs, RJags	> 40 hours
HLM, MPlus	> 40 hours

Employment

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

The sensitive and highly classified data at Samen Veilig has to be saved, transformed and analyzed in a standardized and secure way. It will be my job to structure the data flow and to gain and present the necessary insights.

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**