

# Rianne Schouten – Resume

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<b>Date of Birth</b>	11 <sup>th</sup> May 1991	<b>Email</b>	riannemargarethaschouten@gmail.com
<b>Nationality</b>	Dutch	<b>LinkedIn</b>	/RianneSchouten
		<b>GitHub</b>	RianneSchouten.github.io

## Research

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

Update 26/5/2019: After a few publications, I decided to give all my time and focus to my job and put my PhD on-hold.

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](https://rianneschouten.github.io)

**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	> 50 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 - Feb 2018** DPA Professionals - Excellence Program for Data Science  
*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 - April 2017** Summerschool Utrecht  
*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 - April 2017** Statistical Consultant  
*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**