

# THOM BENJAMIN VOLKER

I have made visualizations viewed by hundreds of thousands of people<sup>1</sup>, sped up query times for 25 terabytes of data by an average of 4,800 times<sup>2</sup>, and built packages for R<sup>3</sup> that let you do magic<sup>4</sup>.

Currently searching for a position that allows me to build tools leveraging a combination of visualization, machine learning, and software engineering to help people explore and understand their data in new and useful ways.



## 🎓 EDUCATION

current  
I  
2019

- **MSc Methods and Statistics for the Behavioural, Biomedical and Social Sciences**  
Utrecht, The Netherlands 📍 Utrecht University
  - Thesis: Bayesian Evidence Synthesis using Bayes Factors - Combining studies with various designs
  - Grade: 8.9
- **MSc Sociology and Social Research**  
Utrecht, The Netherlands 📍 Utrecht University
- **BA Liberal Arts and Sciences**  
Utrecht, The Netherlands 📍 Utrecht University
  - Major in Pedagogical Sciences
  - Minor Sociology and Social Research
  - Electives in Philosophy

current  
I  
2020

2019  
I  
2016

## 💻 EXPERIENCE

2019  
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2018

- **Utrecht Summer School, Department of Methods and Statistics**  
Utrecht, The Netherlands 📍 Utrecht University
  - As a student assistant, I was involved in organizing the Summer School courses of the Methods and Statistics Department at Utrecht University.

## 💻 INTERNSHIPS

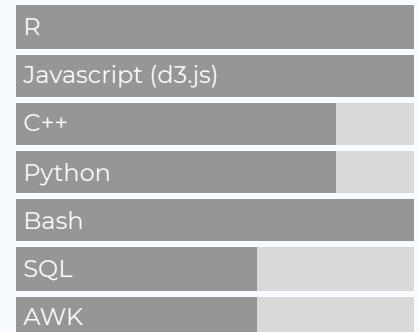
2020  
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2020

- **Internship MICE - Federated Imputation**  
Utrecht, The Netherlands 📍 Utrecht University
  - Under the supervision of Dr. Gerko Vink and Prof. Dr. Stef van Buuren.

## CONTACT

- ✉ [t.b.volker@uu.nl](mailto:t.b.volker@uu.nl)
- /github [github.com/thomvolker](https://github.com/thomvolker)
- 🔗 [thomvolker.com](http://thomvolker.com)
- in [LinkedIn](https://www.linkedin.com/in/thomvolker/)

## LANGUAGE SKILLS



Made with the R package [pagedown](#).

The source code is available [on github.com/nstrayer/cv](https://github.com/nstrayer/cv).

Last updated on 2020-06-30.



## RESEARCH EXPERIENCE

current  
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2020

- **Research Assistant Statistics Netherlands (CBS)**  
Heerlen, The Netherlands Statistics Netherlands (CBS)

- Assessing the usability of an app involved in researching the time spent performing various activities of Dutch citizens.

current  
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2019

- **Research Assistant for Dr. Peter Lugtig**  
Utrecht, The Netherlands Utrecht University

- Contributing to research output.
- Creating content for the course 'Survey Data Analysis', a first-year Research Master course
- Multiple side-projects, as building a personal webpage and an online research repository

current  
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2020

- **Research Assistant for Dr. Rebecca Kuiper**  
Utrecht, The Netherlands Utrecht University

- Creating content for Bachelor's courses and Summer School courses.



## TEACHING EXPERIENCE

2020  
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2020

- **Co-supervision of Bachelor's Thesis**  
Utrecht, The Netherlands Utrecht University

- Together with Prof. Dr. Irene Klugkist, I co-supervised a Bachelor's Student with his thesis about Bayesian Evidence Synthesis

2019  
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2019

- **Multiple Imputation in Practice (MIMP)**  
Utrecht, The Netherlands Utrecht Summer School

- Served as a Teaching Assistant in a course concerning Multiple Imputation for Missing Data.
- As a TA, I provided R assistance during practicals involving the implementation of the R package 'mice'

2019  
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2019

- **Theory Construction and Statistical Modeling**  
Utrecht, The Netherlands Utrecht University

- Teaching Assistant involved in practicals concerning Structural Equation Modeling using the R-package 'lavaan'.

2019  
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2019

- **Methodological and Statistical Aspects of Social Science Research**  
Utrecht, The Netherlands Utrecht University

- As a teaching assistant, I gave working groups to groups of 20 Master's students.
- Topics covered from multiple regression to mediation and moderation analyses.

2019  
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2018

- **Undergraduate Bachelor's courses in statistics**  
Utrecht, The Netherlands Utrecht University

- Teaching assistant in several undergraduate statistics courses

I am passionate about education. I believe that no topic is too complex if the teacher is empathetic and willing to think about new methods of approaching task.

| PUBLICATIONS