

Steven Nijman

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Desired field of work: Aiming for a career in the field of **data science** and **statistics**. Interested in a multidisciplinary approach, working together with a multitude of clinical departments and epidemiological research groups.

Research experience

University Medical Center (UMC), Utrecht (PhD.)

Promoters: Prof. K.G.M. Moons, Prof. F.A. Asselbergs

Oct. 2018 – (current)

Daily supervisor: Dr. T.P.A Debray

Developing statistical methods to work with a multitude of clinical departments and improve current ways of handling missing data in the electronic patient record.

- Created a novel **imputation model** in which missing data was handled on an individual patient level.
- **Organized and led meetings** with the research team and external organizations.

Academic Medical Center (AMC), Amsterdam (Master thesis)

Supervisors: Dr. Martijn Schut (ref)

Nov. 2017 – June 2018

Grade: 8.0

Employing statistical learning methodologies to unravel the mechanisms behind Hospital-Associated Disability (HAD).

- Worked with a **large and noisy data set**, together with the responsible geriatrics department.
- Reduced a high number of variables to a much lower number of relevant variables using **factor analysis**.
- Created a novel **prediction model** in which competing risk factors were combined.
- **Organized meetings** with the geriatric department to encourage collaboration

EverywhereIM, Hilversum (Internship)

Supervisors: Prof Dr Marlies Schijven and MSc Riëtte Meijer

Jan. 2017

Employing Google Analytics to capture and visualize recorded data from medical applications.

- **Created a methodology** from scratch to extract meaningful data from Google Analytics.
- **Trained others** to utilize the created methodology and continue the work.
- Made several **representations of data** for specific medical applications.

University of Amsterdam (UvA), Amsterdam (Master Thesis)

Supervisor: Dr. Frank Nack

Jan. 2015 – Aug. 2015

Grade: 7

Provoking awareness in through the introduction of elements of Brechtian theatre

- **Created an experiment** in which players experienced elements similar to Brechtian designed theatre.
- **Created the elements and materials** from scratch to set up experiment with success.

Education

University Medical Center, Utrecht, the Netherlands

Post-graduate master in Epidemiology

Jan. 2019 – (current)

A master about applied research at the intersection of data and medicine. With courses about statistics, (classic) study design and quantitative analysis.

Academic Medical Center, Amsterdam, the Netherlands

Master in Medical Informatics

Sep. 2016 – June 2018

GPA 7,43

Courses about **data analysis**, healthcare organization, processes and logistics, **data driven decision making** in medicine and **scientific analysis and reporting**. Fully taught in English.

University of Amsterdam, Amsterdam, the Netherlands

Master in Information Studies: Game Studies

Sep. 2014 – Aug. 2015

GPA 7.65

Courses including **interdisciplinary research methodology for information sciences**, game technology, games in society, innovation and design thinking and mobile systems.

University of applied sciences Utrecht, Utrecht, the Netherlands

Bachelor in Communication and Media Design

Sep. 2009 – June 2013

Graduation project grade: 8

Courses about communication, media design, project participation, user experience and creative thinking. Included the minor co-design studio and a specialization in visual design.

Montessori Lyceum Herman Jordan, Zeist, the Netherlands

HAVO (NG)

Sep. 2004 – June 2009

Included beta subjects such as chemistry, math and biology.

Skills and activities

Software skills

- Skilled in **statistical learning** with R.
- Skilled in **multivariate analysis** with R.
- Skilled in **factor analysis** with R.
- Basic skill with C.

Other related skills

- Experience working with **complex** and **unintuitive** data sets
- Experience working in multidisciplinary setting

Language skills

- Fluent Dutch and English (Level C2)

Teaching experience

- NOC*NSF certified Nunchaku teacher (2018)

Extra- curricular activities

- Deep learning reading group, reading through: “Deep-learning book” (2019)
- Study and career program, identifying personality, values and skills (2018)
- Self-employed at Thatchy, offering consultancy to medical organizations (2017-2018)
- Minor programming, followed an evening programming course (2017)

References

Martijn Schut, PhD, AMC
Supervisor Master Thesis
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