



## **Daniela Gawehns**

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OSF: [osf.io/4yzfd](https://osf.io/4yzfd) (for current projects)

Twitter: [@gawehnsd](https://twitter.com/gawehnsd) (for updates)

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**Current Position** PhD Student at the Computer Science Institute  
Leiden University, Leiden, The Netherlands

- Developing methods for exploratory pattern mining in multimodal data
- PhD Project in cooperation with the National Institute for Health Services Research (NIVEL)
- Member of the Netherlands Research School for Information and Knowledge Systems (SIKS) and the Inter-faculty Data Science Research Program

## **Education**

February 2016 - October 2018 Master of Science, Statistical Science for Life and Behavioral Sciences  
Leiden University, Leiden, The Netherlands

February 2016 - November 2017 Master of Science, Clinical Neuropsychology  
Leiden University, Leiden, The Netherlands

September 2013 – February 2016 Bachelor of Science, Psychology  
Leiden University, Leiden, The Netherlands

July 2004 - July 2011 Bachelor of Public Administration  
Academy of the Foreign Service, Bonn and Berlin, Germany

## **Research Training**

- July 2018 - August 2018 Research Internship at Fraunhofer Institute for Algorithms and Scientific Programming (SCAI)  
Sankt Augustin, Germany
- Comparing two methods for dimension reduction in time series data (a variational autoencoder and a kernel method with diffusion maps)
- February 2016 - May 2017 Research Internship at ENCORE, Erasmus MC  
Rotterdam, The Netherlands
- Data collection and writing of a thesis on cognitive phenotypes of children with NF 1

## **Teaching Experience**

- January 2019 - ongoing Teaching Assistant at the Computer Science Institute  
Leiden University, Leiden, The Netherlands
- Master Course Urban Computing; assisting with assignment design and grading
- October 2018 - ongoing Mentoring Interns at LIACS  
Leiden University, Leiden, The Netherlands
- Master student from Clinical Neuropsychology (10 ECTS)
  - Master student Education - Physics (10 ECTS)
- September 2016 – July 2018 Student Teaching Assistant at the Institute of Psychology and at the Leiden University Medical Center  
Leiden University, Leiden, The Netherlands
- Teaching Assistant for several Statistics Practicals for Bachelor and Master students in Psychology, Biomedical Science, Medicine and Medical Technology

**Publications** Main:

D. Gawehns, G. Veiga and M. van Leeuwen  
Focus on dynamics: a proof of principle in  
exploratory data mining of face-to-face interactions,  
IC2S2 2019, Poster Presentation, peer-reviewed,  
non-archival

Assisted:

Three oral presentations at NetMob 2019 (peer-  
reviewed, non-archival, submitted to data  
challenge):

An Intelligent Tree Planning Approach Using  
Location-based Social Networks Data  
J. van Staalduinen, J. Tetteroo, D. Gawehns and M.  
Baratchi

Metaheuristic macro scale traffic flow optimisation  
from urban movement data  
L. Arp, D. van Vreumingen, D. Gawehns and M.  
Baratchi

A Multi-Objective Approach for Optimal Store  
Placement  
J. Rook, B. Verpaalen, D. Gawehns and M. Baratchi

**Community Engagement** Member of the Open Science Community Leiden  
and Technology- Chair for “Repro-Hack” in  
November 2019

Symposium Intelligent Data Analysis 2020:  
Publicity Co-Chair

Initiator Symposium Women in Machine Learning  
and Data Science in Leiden, 2020

Member of Society of Young Network Scientists

**Other work experience**

February 2015 – June 2016 Student Ambassador for the Study Programme  
“International Bachelor in Psychology”  
Leiden University, Leiden, The Netherlands

August 2007- August 2013 Consular Officer in the German Foreign Service  
2007 - 2011: German Consulate Mumbai, India  
2011 - 2013: German Consulate Sao Paulo, Brazil  
Summer 2014: German Embassy Beijing, China

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## **Personal Skills**

### Languages:

- German: Mother tongue
- Dutch and English: Fluent
- Portuguese, French and Spanish: Passive

### Technical Skills:

- R, SPSS : Working knowledge
- Python, C++ : Passive