

# EMMA GERRITSE

Institute for Computing and Information Sciences, Faculty of Science, Radboud University Nijmegen

## RESEARCH INTERESTS

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Information Retrieval, Machine Learning, Fairness and Transparency, Explainability

## EDUCATION

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**Radboud University Nijmegen**  
PhD on Graph Embeddings

*January 2019 - Current*  
Supervisor: prof. dr. ir. A.P. de Vries

**Radboud University Nijmegen**  
Master Computing Science; Specialization Data Science  
Thesis: An analysis of Network Deconvolution

*September 2016 - November 2018*  
Supervisor: dr. Johannes Textor

**Radboud University Nijmegen**  
Bachelor Computing Science & Bachelor Mathematics

*September 2012 - July 2016*  
Cum Laude & Bene Meritum

## PROFESSIONAL EXPERIENCE

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**Radboud University Nijmegen**

*2013 - 2018*

Teaching assistant, tutorials for first and second year students in Modelling, Databases, Computability and Formal Languages, Calculus and Probability, Robotics for high school students

## SCIENTIFIC AWARDS

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Silver medal at the European Union Science Olympiad 2011; Held at University Hradec Králové, Czech Republic Team competition for EU second level school science students who are 16 years or younger

KHMW (Royal Holland Society of Sciences and Humanities, established 1752): Young Talent incentive prize for excellence in first year of computer science students, received in December 2013

## INTERNSHIPS AND PROJECTS

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**Alliander NV Arnhem, Department of Data and Insight**

*Sept 2017 - Jan 2018*

Clustering energy userprofiles through smart meter data and predicting profiles using metadata

**Radiology Department, Radboud UMC**

*April 2017 - June 2017*

Detecting Cerebral, co-author on paper published as:  
Standvoss, K., et al. "Cerebral microbleed detection in traumatic brain injury patients using 3D convolutional neural networks. Medical Imaging 2018: Computer-Aided Diagnosis. Vol. 10575. International Society for Optics and Photonics, 2018.

## OTHER ACTIVITIES

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Board member of Radboud Women in Computer Science

*Sept 2016 - current*