

## Curriculum Vitae

Dipl.-Inform. Matthias Rüdiger, M.Sc.

Innovation, Strategy and Organization Group (ISO)  
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## Academic Employment

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- Since 10/2014     **Research Associate**, Innovation, Strategy, and Organization (ISO) Research Group, TIME Research Area, School of Business and Economics, RWTH Aachen University, Germany
- 04/2009-03/2011     **Research Assistant**, Data Management and Data Exploration Group, RWTH Aachen University, Germany
- 07/2007-09/2014     **Research Assistant**, Technology and Innovation Management Group, RWTH Aachen University, Germany

## Education

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- Since 10/2014     **Ph.D. Candidate** and member of the Innovation, Strategy, and Organization Group, TIME Research Area, School of Business and Economics, RWTH Aachen University, Germany (supervised by Torsten-Oliver Salge)  
Courses in data mining (RWTH Aachen, 2014) etc.
- 04/2013-03/2015     **M.Sc.** (Master of Science) in Management, Business and Economics, Faculty of Management and Economics, RWTH Aachen University, Germany.
- 10/2005-04/2013     **Diploma with Distinction** in Computer Science (majors in Datamining and Dataexploration, Networks and Communication, Graphtheory and Efficient Algorithms), Faculty of Computer Science, RWTH Aachen University, Germany.

## Education (continued)

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05/2004            **Abitur** in English, Geography, and Mathematics, Georg-Büchner-Gymnasium, Kaarst, Germany.

## Professional and Consulting Experience

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Since 2015            Professional and project experience as a Founder in the Field of Application Development & Network Services

## Teaching Experience

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2017            Quantitative Innovation Research (Coaching, Computer Lab Sessions)  
2016            Introduction to Business Administration (Video Review/Debate Sessions)  
2016            Quantitative Innovation Research (Coaching, Computer Lab Sessions)

## Languages

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German            Mother Tongue  
English            C2 – Advanced Proficiency  
French            A2 – Basic Level  
Spanish            A1 – Basic Level

## Memberships and Service

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Since 2017            Academy of Management Technology (AOM)  
Since 2016            Association for Information Systems (AIS)  
2016            Ad Hoc Reviewer: *International Conference of Information Systems (ICIS)*

## Research Interests

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Thesis Title	Essays on Text Mining (expected submission in late 2017)
Keywords	Information Systems, Data Mining, Text Mining, Natural Language Processing (NLP), Computational Linguistics
Methods	Quantitative Data Analysis, Data Mining, Text Mining
Software	IntelliJ IDEA (Java, Python, PHP), GIT, R, Stata, RapidMiner, Gephi

## Publications and Working Papers

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Matthias Rüdiger, David Antons, and Torsten-Oliver Salge (2017): From Text to Data: On the Role and Effect of Text Pre-Processing in Text Mining Research. Accepted for Presentation at the Academy of Management Meeting (AOM)

Stephan Günnemann, Ines Färber, Matthias Rüdiger and Thomas Seidl (2014): SMVC - Semi-Supervised Multi-View Clustering in Subspace Projections, in: ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD)

## Presentations at Academic Meetings

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Matthias Rüdiger, David Antons, and Torsten-Oliver Salge (2017): From Text to Data: On the Role and Effect of Text Pre-Processing in Text Mining Research. Accepted for Presentation at the Academy of Management Meeting (AOM)