Claudia Hauff

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EDUCATION

UNIVERSITY OF TWENTE
PhD Information Retrieval | Enschede, the Netherlands
Thesis: Predicting the Effectiveness of Queries and Retrieval Systems
2005 - 2010

UNIVERSITY OF MAGDEBURG
Diplom Computer Science | Magdeburg, Germany
Equivalent to BSc & MSc degree. Emphases on information retrieval, machine learning and computer graphics.
2000 - 2005

LINKS

Google Scholar: chauff
GitHub: chauff
Homepage: chauff.github.io
Twitter: @CharlotteHase

TEACHING

INFORMATION RETRIEVAL
10 week MSc-level course (60 students). The materials are available online.

WEB & DATABASE TECHNOLOGIES
10 week BSc-level course (900 students). Web technology classes focus on JavaScript and Node.js basics. The web materials are available online.

BIG DATA PROCESSING
10 week BSc-level (60 students) course. Given between 2013-2017; topics include stream processing and technologies in the Hadoop ecosystem . The materials are available online.

PROGRAMMING

Java • C++ • JavaScript • R
Elasticsearch • Indri • PyTorch

EXPERIENCE

DELFT UNIVERSITY OF TECHNOLOGY | Faculty member
2013 - present | Delft, the Netherlands
- Entered the tenure track in 2013, received tenure in 2016, promoted to **Associate Professor** in 2018.
- **Research foci on information retrieval** (search as learning, conversational search, collaborative search, neural approaches to IR) **and data science** (mostly applied to data traces generated in Massive Open Online Courses).
- Supervisor of a team of seven PhDs and Postdocs (four completed PhD theses projects so far).
- Actively engaged in the information retrieval research community as SIGIR executive member (2019-2022 term), conference organizer (program co-chair of CIKM 2020 and track co-chair at the Web Conference 2020), editorial board member (Springer IR Journal, Foundations and Trends in Information Retrieval) and PhD examiner.

MICROSOFT RESEARCH CAMBRIDGE | Research Intern
June 2010 - August 2010 | Cambridge, UK

YAHOO! RESEARCH BARCELONA | Research Intern
September 2007 - December 2007 | Barcelona, Spain

RESEARCH

Published more than **70 peer-reviewed articles**. Recent articles with an information retrieval focus include:

Gustavo Penha, Claudia Hauff. Curriculum Learning Strategies for IR. ECIR, pp. 1:699-1:713, 2020.

Arthur Câmara, Claudia Hauff. Diagnosing BERT with Retrieval Heuristics. ECIR, pp. 1:605-1:618, 2020.
Daniël Rennings, Felipe Moraes and Claudia Hauff. An Axiomatic Approach to Diagnosing Neural IR Models, ECIR, pp. 1:489-1:503, 2019.

Felipe Moraes, Kilian Grashoff and Claudia Hauff. On the Impact of Group Size on Collaborative Search Effectiveness, Information Retrieval Journal, 2019.

Dimitrios Bountouridis, Jaron Harambam, Mykola Makhortykh, Monica Marrero, Nava Tintarev and Claudia Hauff. SIREN: A Simulation Framework for Understanding the Effects of Recommender Systems in Online News Environments, FAT, pp. 150-159, 2019.

Sindunuraga Rikarno Putra, Kilian Grashoff, Felipe Moraes and Claudia Hauff. On the Development of a Collaborative Search System, DESIRES, pp. 76-82, 2018.

RESEARCH GRANTS

€100,000 Aspasia grant from the Netherlands Organisation for Scientific Research (NWO), September 2018.

€325,000 NWA VWData program Responsible value creation with big data: project proposal on fair news with 2 co-PIs awarded, July 2017.

€800,000 Personal VIDI grant from NWO for a project on complex search in learning, May 2017.

€226,000 Personal TOP2 grant from NWO for a project on large-scale collaborative search in learning, November 2016.