

Maria M. Hedblom

POSTDOCTORAL RESEARCHER · SCIENTIFIC MANAGER

Address

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Experience

Founding Member

10/2018 – Ongoing

PHOTOGENIQ, THE AUGMENTED SELF

Vienna, Austria

- Project to take generative machine learning into the space of professional photography.
- Primary tasks includes preparing training data for GAN algorithms and performing market and user analyses through qualitative interview studies on target audience.
- Responsible for product development, including UI and UX design.

Postdoctoral Researcher

1/2018 – 1/2019

FREE UNIVERSITY OF BOZEN-BOLZANO

Bozen-Bolzano, Italy

- Performing usability tests on ontology algorithms to increase readability and information extraction.
- Using applied ontology and interview methodology to investigate the most appropriate formal representation of events.
- Co-authored grant applications. So far, funds accumulating to ca. 50 000 € have been acquired.
- Planned, organised and managed several scientific workshops and conferences: For instance, ESC@FOIS 2018 and CAOS 2018.

Researcher and University Lecturer

8/2012 – 6/2017

FREE UNIVERSITY OF BOZEN-BOLZANO; OTTO-VON-GUERICKE UNIVERSITY OF MAGDEBURG; UNIVERSITY OF LINKÖPING

Europe

- Taught bachelor and master level courses in computer science and cognitive science at three different universities.
- Supervised several master student projects, some resulting in publications.
- Example courses: *Technical and Scientific Communication*, *Seminar on Computational Creativity and Programming and Discrete Mathematics*.

Education

PhD. in Computer Science

4/2014– 3/2018

OTTO-VON-GUERICKE UNIVERSITY OF MAGDEBURG

Magdeburg, Germany

- Graduated with Magna Cum Laude (*with great honours*), equal to a 1.0.
- Authored over 20 peer-reviewed publications.
- Presented research at over 20 conferences and spoke as invited speaker at several research institutes.
- My research was an interdisciplinary research agenda to advance the state of artificial intelligence. Methodology included:
 - Logical and formal knowledge representation of cognitive behaviour.
 - Designing, executing and analysing quantitative experiments investigating human thinking.
 - Corpus experiments based on pattern-matching and machine-learning for natural language analysis.
- Organised and chaired over 10 scientific gatherings and workshops.

M.Sc. in Cognitive Science

8/2012 - 11/2013

UNIVERSITY OF LINKÖPING

Linköping, Sweden

- Worked on the teaching staff alongside my studies.
- Organised to write my master thesis at the University of Osnabrück, Germany.
- Main subjects: Computer Science, Linguistics and Psychology.

B.Sc. in Cognitive Science

9/2009 - 9/2013

UNIVERSITY OF LINKÖPING

Linköping, Sweden

- 9/2011-9/2012: Erasmus year at Osnabrück University, Germany.
- During two years I sat as the chairman for *Kårrullen*; the largest culture club at the university that ran a 35mm-film Cinema once a week. Each semester the organisation had a turnover of over 10 000 €.
- Main subjects: Research Methodology, Computer Science and Psychology.

Skills

- Technical** Python, LaTeX, Wordpress, Photoshop, Machine Learning, Microsoft Office
- Methodology** Statistical Analysis, Quantitative-, Qualitative- and Ethnographic Methodology, Communication Analysis, Interview and Case Studies, Cognitive Modelling, Eye-Tracking
- Languages** **C2:** Swedish, English; **B2:** German; **A2:** Spanish, Italian, Japanese