

Luca Deck

PHD STUDENT · INFORMATION SYSTEMS AND HUMAN-CENTRIC AI

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Education

University of Bayreuth

PHD IN INFORMATION SYSTEMS

Bayreuth, Germany

05/2023–present

Karlsruher Institut für Technologie (KIT)

M.SC. IN INDUSTRIAL ENGINEERING AND MANAGEMENT (1.2, TOP 20%)

Karlsruhe, Germany

10/2019–01/2023

Karlsruher Institut für Technologie (KIT)

B.SC. IN INDUSTRIAL ENGINEERING AND MANAGEMENT (2.1)

Karlsruhe, Germany

10/2015–09/2019

Otto-Hahn-Gymnasium

ABITUR (1.5)

Karlsruhe, Germany

09/2007–07/2015

Professional Experience

Fraunhofer Institute for Applied Information Technology FIT

RESEARCH ASSOCIATE

Bayreuth

05/2023–present

- Project management for research-driven Data Science projects in collaboration with industry partners
- Acquisition and counseling of new industry partners

Sick AG

INTERNSHIP IN STRATEGIC PRODUCT MANAGEMENT

Freiburg i. Br.

09/2021–03/2022

- Developing and testing a variety of computer vision use cases based on deep learning technology
- Conception and design of promotional material for a deep learning engineering tool

TUP GmbH & Co. KG

INTERNSHIP & WORKING STUDENT IN IT PROJECT MANAGEMENT

Stutensee

03/2018–08/2021

- Assistance in several IT and logistics projects as well as strategic marketing management
- Assistance and research for COO and CIO

Publications

Deck, L., Schoeffler, J., De-Arteaga, M., Kuehl, N. 2023. A critical survey on fairness benefits of XAI. NeurIPS Workshop on XAI in Action (XAIA). (currently in review at ACM FAccT 2024).

Selected Other

INVITED TALKS

2023. *Overcoming Intuition: A Critical Survey on the Multidimensional Relationship Between Explainable AI and Fairness*. Invited talk: DigitalisierungsDiskurse, Hannover, Germany.

TEACHING ASSISTANCE

2023–2024 **Applied Artificial Intelligence**, Prof. Niklas Kuehl

University of Bayreuth

2023 **Human-AI Collaboration**, Prof. Niklas Kuehl

University of Bayreuth

SOCIAL ENGAGEMENT

Since 2021. *Bürgerrat Bildung und Lernen*, Member of the citizens council for education and learning

2021-2023. *Linkit e.V., KIT student group*, Co-head of Training Department for data science education

2021-2023. *Rock Your Life! Karlsruhe, KIT student group*, Mentoring relationship for equal opportunity in education