

EDUCATION

University of Maryland, Baltimore County

Ph.D. in Information Systems; currently candidate with GPA: 3.97/4

Technical University of Cologne

M.Sc. in Computer Science / Information Systems; grade 1.2/5 equiv. GPA: 3.8/4

Macquarie University

Exchange semester in Information Systems; grades HD, HD, C equiv. GPA: 3.2/4

Technical University of Cologne

B.Sc. in Business Information Systems; grade 1.7/5 equiv. GPA: 3.3/4

Baltimore, USA

August. 2022 – Present

Gummersbach, Germany

Mar. 2019 – Apr. 2022

Sydney, Australia

June. 2017 – Dec. 2017

Gummersbach, Germany

Aug. 2015 – Feb. 2019

PROFESSIONAL EXPERIENCE

ICCT, Technical University of Cologne

Research Assistant

Cologne, Germany

Oct. 2023 - Present

- Summer 2024 Research on 1. Distributed Entity Linkability Assessment 2. Window Functions
- Winter 2023-24 Lecturer at University of Applied Sciences Dortmund and Art for Programming II Data Science with Python and R (Syllabus)

Department of Information Systems, UMBC

Graduate Teaching Assistant

Baltimore, USA

Aug. 2022 - Present

- Spring 2023 Undergraduate weekly lab sessions and grading for Database Application Development (IS420)
- Fall 2022 Guest lecture about Inteplato in Systems and Information Integration (IS722)
- Fall 2022 Undergraduate weekly lab sessions and grading for Database Application Development (IS420)

BWI GmbH

Data Warehouse Application Consultant

Bonn, Germany

Mar. 2019 - Jul. 2022

- Developing data pipelines and dashboards for materials, missions, and unit resources on BW/4HANA
- Designing role authorization concepts, testing routines, training materials, and stakeholder workshops

PROGRAMMING SKILLS

Languages: SQL, Python, R, Javascript, MATLAB, ABAP, SAP UI5 XML

DS & ML Libraries: numpy, pandas, pyplot, sns, sklearn, TensorFlow

PUBLICATIONS

Traeger, Leonard; Behrend, Andreas; Karabatis, George: “Scoping: Towards Streamlined Entity Collections for Multi-Sourced Entity Resolution with Self-Supervised Agents”. In: 26th International Conference on Enterprise Information Systems (ICEIS 2024). **Best Paper Award** (DOI:10.5220/0012607500003690) (GitHub)

Traeger, Leonard; Omar, Faraque: “Autonomous Object Detection and Landing with Parrot Rolling Spider in Matlab Simulink”. In: IEEE International Conference on Embedded Systems, Cyber-physical Systems & Applications (ESCS 2023). (DOI 10.1109/CSCE60160.2023.00160) (GitHub) (YouTube)

Traeger, Leonard; Behrend, Andreas; Karabatis, George: “Inteplato: Generating Mappings of Heterogeneous Relational Schemas using Unsupervised Learning”. In: IEEE International Conference on Computational Science and Computational Intelligence (CSCI 2022). (DOI:10.1109/CSCI58124.2022.00083) (GitHub)

AWARDS AND SERVICES

VLDB Summer School (2023) Best Poster Presentation at Cluj, Romania

DOAG (2022) Conference Speaker “Machine Learning and Data Integration” at Düsseldorf, Germany

Fulbright Germany Graduate Scholarship (2021) at UMBC

M.Sc. Digital Sciences audit committee member (2019 - 2022) for reaccreditation and examination at TUC