Leonard Traeger

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Baltimore, Maryland, USA

EDUCATION

University of Maryland, Baltimore County Baltimore, USA
Ph.D. in Information Systems; currently candidate with GPA: 3.97/4 *August. 2022 – Present*
Technical University of Cologne Gummersbach, Germany
M.Sc. in Computer Science / Information Systems; grade 1.2/5 equiv. GPA: 3.8/4 *Mar. 2019 – Apr. 2022*
Macquarie University Sydney, Australia
Exchange semester in Information Systems; grades HD, HD, C equiv. GPA: 3.2/4 *June. 2017 – Dec. 2017*
Technical University of Cologne Gummersbach, Germany
B.Sc. in Business Information Systems; grade 1.7/5 equiv. GPA: 3.3/4 *Aug. 2015 – Feb. 2019*

PROFESSIONAL EXPERIENCE

Department of Information Systems, UMBC Baltimore, USA
Graduate Teaching Assistant *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 Bonn, Germany
Data Warehouse Application Consultant *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, MATLAB, ABAP, SAP UI5 XML, Javascript

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

Tools: SQL Developer, MySQL WB, HANA XS, SAP HANA Studio

PUBLICATIONS

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). GitHub
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) 9 (2022). DOI:10.1109/CSCI58124.2022.00427 GitHub

AWARDS AND SERVICES

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 TH Köln

DOAG (2018) Conference organization supporter at Nuremberg, Germany