



Dennis ACKERMANN

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SUMMARY

MSc Computer Science graduate specializing in data analysis and visualization focusing on Data Science and Geographic Information Systems (GIS). Applied advanced techniques in data analysis to interpret spatial patterns, trends, and relationships. Successfully utilized GIS tools to process and manipulate spatial data, contributing to informed decision-making processes. Developed and implemented effective data visualization strategies to present complex geographical information.

EDUCATION

UNIVERSITY OF KONSTANZ

2021-2023

MASTER OF SCIENCE IN COMPUTER AND INFORMATION SCIENCE

SPECIALIZATION: DATA SCIENCE

THESIS: AGENT-BASED ANALYSIS OF PUBLIC TRANSPORT INFRASTRUCTURE

UNIVERSITY OF KONSTANZ

2016-2021

BACHELOR OF SCIENCE IN INFORMATION ENGINEERING

THESIS: SPATIOTEMPORAL CHANGES IN FLIGHT ROUTE DISTRIBUTIONS

SCHLOSS GAIENHOFEN

2007-2015

ABITUR

EXPERIENCE

WEB DEVELOPER AT BARAL GEOHAUS-CONSULTING AG

02/2025-

WEB-APPLICATION DEVELOPMENT, SOFTWARE PRODUCT DEVELOPMENT UND PROJECT CONSULTING

WORKING STUDENT AT STEINBEIS

04/2022-12/2022

ANOMALY DETECTION APPLICATION IN PREPARATION FOR SIEMENS LOGISTICS/KÖRBER SUPPLY CHAIN SOLUTIONS

GRADUATE STUDENT ASSISTANT AT THE UNIVERSITY OF KONSTANZ

07/2021-03/2022

WORKING ON A VGISCIENCE PROJECT: *UNCERTAINTY-AWARE ENRICHMENT OF ANIMAL MOVEMENT TRAJECTORIES*

UNDERGRADUATE STUDENT ASSISTANT AT THE UNIVERSITY OF KONSTANZ

04/2021-07/2021

GRADING *MULTIMEDIA RETRIEVAL* ASSIGNMENTS

SKILLS

PROGRAMMING LANGUAGES

Experienced: JavaScript/TypeScript | Python **Familiar:** Java

SOFTWARE DEVELOPMENT

Git | Docker

FRAMEWORKS & LIBRARIES

Angular | d3.js | Leaflet | Mapbox | FastAPI | Flask | React | pandas | scikit-learn | SciPy

DATABASE SYSTEMS

SQL | PostgreSQL | PostGIS | NoSQL

LANGUAGES

- **German:** mother tongue
- **English:** fluent both written and spoken