

# ABDULLAH SHAREEF

(+49) 017637539416 | [abdullahshareef7945512@gmail.com](mailto:abdullahshareef7945512@gmail.com) / [www.linkedin.com/in/abdullah1shareef](https://www.linkedin.com/in/abdullah1shareef)

---

## PROFESSIONAL EXPERIENCE

### UNIVERSITY OF TRIER RESEARCH ASSISTANT

15/06/2024 – CURRENT

- Developed AI-powered Android apps for the Pepper robot using NLP, machine learning, and deep learning.
- Conducted research on LLM integration and adaptive algorithms for robotics in nursing science.
- Provided IT support to optimize faculty operations and research.

### ALEPPO UNIVERSITY TEACHING ASSISTANT

01/12/2021 – 01/12/2022

- Supported research, taught courses, and managed administrative tasks, showcasing teamwork, communication, and organizational skills.
- 

## EDUCATION

### UNIVERSITY OF TRIER MASTER'S IN NATURAL LANGUAGE PROCESSING

01/10/2023 – CURRENT

- Specialized in machine learning, deep learning, NLP, human-robot interaction, chatbots, LLMs, and data science.

### ALEPPO UNIVERSITY MASTER'S IN LINGUISTICS

01/12/2021 – 01/12/2022

Speech Processing/ Computational Linguistics/ Phonetics/ Natural Language Understanding (NLU)

---

## PROJECTS

- Text Classification: Fine-tuned NLP and deep learning models to classify text documents efficiently.
  - Pepper Robot Development: Designed PHQ-9 app, orientation app, deep learning face recognition app, and NLP chatbots; implemented machine learning algorithms for enhanced functionality.
  - Sentiment Analysis: Conducted sentiment analysis on a German tweets dataset, utilizing advanced NLP techniques.
  - Tokenization and NLP Pipelines: Explored tokenization techniques and built comprehensive NLP pipelines for text processing.
  - Publications: Authored research papers, including Tokenization in Practice, Exploring Subword Information for Improved NLP Word Processing, and Dialectal Atlases for Improving Arabic Dialect Identification Tasks.
- 

## CERTIFICATES

- IBM: Generative AI: Introduction and Applications/Python for Data Science and AI/The Pytorch Basics/Statistics For Data Science/Introduction to Data Analytics/Data Science Methodology/Generative AI: Prompt Engineering Basics/Databases and SQL for Data Science/Probability and Data with R/Statistics For Data Science
  - DeepLearningAI: Natural Language Processing with Classification and Vector Spaces/Supervised Machine Learning: Regression and Classification/Neural Networks and Deep Learning.
  - Meta: Introduction to Android Mobile Application Development/Version Control/Principles of UX/UI Design/ Programming Fundamentals in Kotlin
- 

## SKILLS

- Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn) / PyTorch / Natural Language Processing (NLP) / Machine Learning (Supervised Learning, Classification, Regression) / Deep Learning (Neural Networks) / Data Visualization / R (for Statistical Analysis) / SQL (Databases) /Data Science Methodology / Probability and Statistics / Version Control (Git) / Problem Solving and Analytical Thinking / UX/UI Design Principles / Kotlin / Bert / GPT-based models / Transformers / Natural language understanding

## References

- Reference letter from Prof. Dr. Ana N. Tibubos, University of Trier, highlighting expertise in natural language processing (NLP), large language models (LLMs), machine learning, deep learning, and AI-driven applications in healthcare and robotics.