

# ABDULLAH SHAREEF

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## PROFESSIONAL EXPERIENCE

### UNIVERSITY OF TRIER RESEARCH ASSISTANT

15/06/2024 – CURRENT

- Developed Android apps with machine learning and deep learning capabilities for Pepper robot.
- Assisted in academic research related to NLP and machine learning.
- Provided IT support for the faculty, ensuring systems operated smoothly.

### ALEPPO UNIVERSITY TEACHING ASSISTANT

01/12/2021 – 01/12/2022

- Assisted in research, taught University Courses and Contributed to management and administrative duties in the department
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## EDUCATION

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

01/10/2023 – CURRENT

Specialized in machine learning, deep learning, and computational linguistics. Focused on Natural language processing (NLP) tasks, human-robot interaction, chatbots and Large Language Models (LLMs).

### ALEPPO UNIVERSITY MASTER'S IN LINGUISTICS

01/12/2021 – 01/12/2022

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

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## PROJECTS

- Text Classification: fine-tuned a model to classify text documents using NLP and deep learning.
  - Pepper robot: PHQ-9 app, orientation app, deep learning face recognition app,
  - Sentiment Analysis on German Tweets Dataset
  - Papers: Tokenization in Practice / Exploring Subword Information for Improved NLP Word Processing / Dialectal Atlases for Improving Arabic Dialect Identification Tasks: Overview and Application.
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## 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
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## 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