

Yassir El Attar

+49 1573 9029944 | yassir.el.attar@gmail.com | www.yassirea.me | Stuttgart, Germany

EDUCATION

Master of Science in Computational Linguistics

University of Stuttgart, Stuttgart, Germany

Relevant Coursework: Machine Learning, Deep Learning, Foundation Models, Speech Processing, Multimodal AI, Machine Translation

Apr 2024 - Present

Certification of English Teaching Training

Centre Régional des Métiers de l'Éducation et de la Formation, Tangier, Morocco

Relevant Coursework: ESL didactics, Classroom Management, Assessment, Action Research

Feb 2018 - Aug 2018

Diplôme de Technicien Spécialisé (DTS) in Software Development

Specialized Institute in Professions Exporting Services and Modern Technologies for Information and Communication, Tangier, Morocco

Relevant Coursework: Algorithms, C/ C#/ Java programming, Desktop/ Web/ Mobile Applications, Database Management

Sep 2016 - Jul 2018

License (Bachelor of Arts) in English Studies: Major in Linguistics

Faculty of Literature & Human Sciences (FLSH), Tetouan, Morocco

Relevant Coursework: Phonetics and Phonology, Morphology, Syntax, Semantics, Pragmatics, Applied Linguistics

Sep 2014 - Jul 2017

Baccalaureate in Physics Sciences (Libre)

Educational Directorate - Chefchaouen, Morocco

Relevant Coursework: Physics, Mathematics, Biology and Geology, English, French, Arabic, Philosophy

Sep 2013 - Jun 2014

Baccalaureate in Physics Sciences

Moulay Rachid High School - Chefchaouen, Morocco

Relevant Coursework: Physics, Mathematics, Biology and Geology, English, French, Arabic, Philosophy

Sep 2012 - Jun 2013

EXPERIENCE

Teaching Assistant

Institute of Natural Language Processing, University of Stuttgart, Germany

- Parsing (with Prof. Dr. Kuhn)
- Programming for Computational Linguistics (with Dr. Falenska)
- Parsing (with Dr. Falk)
- Programming for Computational Linguistics (with Dr. Falenska)

Apr 2026 - Present

Oct 2025 - Mar 2026

Apr 2025 - Sep 2025

Oct 2024 - Mar 2025

Student Research Assistant

Diversity-Aware NLP Intelligent Systems, University of Stuttgart, Germany

- Working on research projects in a HIWI position

Oct 2025 - Present

Student Research Assistant

Institute for Energy Efficiency in Production & Fraunhofer Institute, Germany

- Worked on creating models for energy systems cost optimization using OEMOF and Pyomo frameworks

Jan 2025 - Sep 2025

Developer and Team Manager

Software Version 7.0 Startup, Tetouan, Morocco

- Developed and managed projects for data optimization models in Python and Powershell

Oct 2022 - Jan 2024

Developer

IGNITREE Web Development Agency, Tetouan, Morocco

Jul 2023 – Oct 2023

- Developed and managed projects for web/ CMS applications

English as a Second Language Teacher (Part-time)

American Language Center - Tangier, Morocco

Jan 2021 – Aug 2022

- Taught and supervised language classes for various levels (beginners, intermediate, advanced) and age-groups (children, juniors, adults)

English as a Second Language Teacher (Full-time)

Ministry of Education of Morocco - Chefchaouen & Tangier, Morocco

Sep 2018 – Oct 2022

- Instructed English language subject for high school students and supervised and corrected national exams

RESEARCH PROJECTS

Accepted Peer-Reviewed Papers

BUCC 2026 @ LREC-COLING (Palma de Mallorca, Spain)

May 2026

- Leveraging Comparable Toxicity Lexicons in Prompt Instructions for Multilingual Text Detoxification

Mahed2025 Shared Task at ArabicNLP (co-located with EMNLP in Suzhou, China)

Nov 2025

- Worked on a fusion-based multimodal model for Arabic Hate Meme Detection

Ongoing Research Projects

Part of DANIS project at IRIS research group, University of Stuttgart

Oct 2025 - Present

- Project 1: MGT detection using informative linguistic features (Submitted to ARR March 2026)
- Project 2: Linguistic fingerprints of AI vs. Human paraphrases (Master thesis)

Selected Course Projects

Team Lab for Computational Linguistics (Grade: 1.0)

Apr 2025 - Sep 2025

- Classification of toxic texts & detoxification of texts using context-learning

R&D Practical Project (Grade: 1.0)

Apr 2025 - Sep 2025

- Detecting informative features for MGT detection in argumentative texts

Foundation Models (Grade: 1.5)

Oct 2024 - Mar 2025

- Medical VQA model for dermatology

Introduction to Deep Learning (Grade: 1.0)

Oct 2024 - Mar 2025

- LSTM & CNN-based model for emotion classification using speech features

SKILLS

Programming & Scripting: Python, Powershell, Bash, Web Technologies, C#, C, Java, Kotlin

Machine Learning & NLP: PyTorch, HuggingFace Transformers, scikit-learn, spaCy, TensorFlow

Data & Tools: NumPy, pandas, NLTK, SQL, Git, Docker, Jupyter, Google Colab, LaTeX

Languages: Darija (native), Modern Standard Arabic (native), English (fluent), French (fluent), German (Intermediate), Spanish (Beginner)

MEMBERSHIPS & ACTIVITIES

Workshops

- led workshops on "AI in ESL classroom" at American Cultural Association
- led workshops on "Moroccan classrooms" for Fulbright teachers exchange program
- led workshops on "Programming and AI" at L'GEEK association campaign

Member

- School Board member at Albassatine High School
- School Board member school life manager at El Hajj El Hadri High Schools

Voluntary Activities

- Volunteered at L'GEEK association during L'geek Tour and L'Geek week
- Provided English language courses to low-income students at Descartes Association, Tangier

INTERESTS

- **AI & NLP** – Exploring emerging models and architectures in AI, NLP, & CV
- **Languages & Reading** – Learning languages and reading on linguistics and cognition
- **Travel & Culture** – Engaging with diverse cultures in travel & cross-cultural exchange

