

Mohamed Bayan Kmainasi

Doha, Qatar • +974 33693593 • mk2314890@qu.edu.qa
LinkedIn • Google Scholar

Profile

Master's student in Computer Science at Qatar University (GPA 4.0/4.0) with a Bachelor's degree in Computer Engineering (GPA 3.99/4.0, ranked 1st). Research Assistant at QCRI working on LLMs, multimodal models, and combating digital disinformation. Published at NAACL, WISE, EMNLP, WWW, IEEE, with in-progress papers in (ACL and ICML). Passionate about NLP research.

Education

Qatar University, Doha, Qatar Jan 2024 Jan 2026
Master of Science in Computing, GPA: 4.0/4.0

Coursework: Research Methodology, Advanced Database Systems, Algorithms, Deep Learning, Human-Computer Interaction, Information Retrieval, Web Development, Reinforcement Learning

Al-Ahliyya Amman University, Amman, Jordan Oct 2019 Sep 2023
Bachelor's in Computer Engineering, GPA: 3.99/4.0, Ranked 1st

Coursework: Machine Learning, Software Engineering, Data Mining, Neural Networks

Experience

Qatar Computing Research Institute (QCRI), Doha, Qatar

Research Assistant Jan 2025 Present

Working on Fanar Speech project: training large-scale multilingual speech LLMs.

First author on one paper and co-author on another, accepted at EMNLP 2025 and WebConf 2026, with additional papers under review at ACL 2026 and ICML 2026.

Worked on EduLLM, primarily QA and software testing.

Research Intern May 2024 Jan 2025

First author of papers at WISE 2024 and NAACL 2025.

Placed 2nd in QCRI Programming Contest 2024.

Recognized for second-best project during Summer 2024 internship.

Qatar Fuel Additives Company Limited (QAFAC), Doha, Qatar

Software Engineer Intern Jul 2022 Sep 2022

Developed safety app for incident reporting and team communication.

Participated in code reviews and improved code quality.

Awards & Honors

3rd Best Poster Award , MenaML at KAUST	2026
Awarded for presenting thesis research.	
2nd Place Research Poster Award , Qatar Computing Research Institute (QCRI)	2024
Awarded for the LlamaLens work, subsequently accepted at NAACL 2025.	
Top Graduate (Ranked 1st) , Al-Ahliyya Amman University Computer Engineering	2023
Graduated first in the batch with a GPA of 3.99/4.0.	

Skills

Programming Languages: Python, C++, Java, Rust

Machine Learning & AI: TensorFlow, PyTorch, Keras, Hugging Face Transformers, Scikit-learn

Data & Databases: Pandas, NumPy, MongoDB, PostgreSQL, SQL

Development Tools: Git, Docker, Streamlit, Django, Linux

Cloud & Deployment: AWS, GitHub Actions, Vertex AI

Research & Writing: Statistical Analysis, Experimental Design, Academic Writing

Languages: Arabic (Native), English (Advanced), German (A2)

Certifications

DeepLearning.AI (Coursera): NLP Specialization, AI for Medical Diagnosis, Deep Learning Specialization, Introduction to TensorFlow, Generative AI for Everyone, Large Language Models with Semantic Search, Retrieval Augmented Generation (RAG)

IBM (Coursera): Deep Neural Networks with PyTorch

Microsoft: AI-900 Azure AI Fundamentals

Stanford University (Coursera): Machine Learning

Imperial College London (Coursera): Mathematics for Machine Learning

University of Michigan (Coursera): Introduction to Data Science in Python, Llama for Python Programmers

University of Colorado Boulder (Coursera): Databases for Data Scientists Specialization

Amazon Web Services (Coursera): Generative AI with Large Language Models

Coursera: GenAI for Business Analysis: Fine-Tuning LLMs, Fine-Tune BERT for Text Classification with TensorFlow

Google Cloud (Coursera): Enhance Text Generation with RAG, LangChain, and Vertex AI, Introduction to Git and GitHub

Duke University (Coursera): Python Essentials for MLOps

Al-Ahliyya Amman University: ASP.NET Core 6

Umniah Telecom Company: Cyber Security Introduction Course

Publications

1. Mohamed Bayan Kmainasi, Mucahid Kutlu, Ali Ezzat Shahroor, Abul Hasnat, and Firoj Alam. Can thinking models think to detect hateful memes? In *Companion Proceedings of the ACM Web Conference 2026 (WWW Companion '26)*, pages 1–10, Dubai, United Arab Emirates, 2026. ACM

2. Firoj Alam, Fatema Ahmad, Ali Ezzat Shahroor, Mohamed Bayan Kmainasi, Elisa Sartori, Giovanni Da San Martino, Abul Hasnat, and Raian Ali. Critisense: Critical digital literacy and resilience against misinformation, 2026, UNDER REVIEW FOR ACL2026, system demonstrations
3. Ali Ezzat Shahroor, Mohamed Bayan Kmainasi, Abul Hasnat, Dimitar Dimitrov, Giovanni Da San Martino, Preslav Nakov, and Firoj Alam. Memelens: Multilingual multitask vlms for memes. *arXiv preprint arXiv:2601.12539*, 2026, UNDER REVIEW FOR ACL2026
4. Mohamed Bayan Kmainasi, Ali Ezzat Shahroor, Maram Hasanain, Sahinur Rahman Laskar, Naeemul Hassan, and Firoj Alam. LlamaLens: Specialized multilingual LLM for analyzing news and social media content. In Luis Chiruzzo, Alan Ritter, and Lu Wang, editors, *Findings of the Association for Computational Linguistics: NAACL 2025*, pages 5627–5649, Albuquerque, New Mexico, April 2025. Association for Computational Linguistics
5. Firoj Alam, Ali Ezzat Shahroor, Md. Arid Hasan, Zien Sheikh Ali, Hunzalah Hassan Bhatti, Mohamed Bayan Kmainasi, Shammur Absar Chowdhury, Basel Mousi, Fahim Dalvi, Nadir Durrani, and Natasa Milic-Frayling. Everydaymmqa: A multilingual and multimodal framework for culturally grounded spoken visual qa, 2025, UNDER REVIEW FOR ICML2026
6. Mohamed Bayan Kmainasi, Abul Hasnat, Md Arid Hasan, Ali Ezzat Shahroor, and Firoj Alam. Memeintel: Explainable detection of propagandistic and hateful memes, 2025
7. Maram Hasanain, Md Arid Hasan, Mohamed Bayan Kmainasi, Elisa Sartori, Ali Ezzat Shahroor, Giovanni Da San Martino, and Firoj Alam. Propxplain: Can llms enable explainable propaganda detection?, 2025
8. Mohamed Bayan Kmainasi, Rakif Khan, Ali Ezzat Shahroor, Boushra Bendou, Maram Hasanain, and Firoj Alam. Native vs non-native language prompting: A comparative analysis. In *International Conference on Web Information Systems Engineering*, pages 406–420. Springer, 2024
9. Amani Al-Ghraibah, Ali Al-Abbas, Mohamed Bayan Kmainasi, Ismaeel Emad Mustafa, and Khaled Brmo. Automated detection of lung cancer levels based on patients lifestyle information. In *2024 Second Jordanian International Biomedical Engineering Conference (JIBEC)*, pages 22–27. IEEE, 2024