

ALI SHAHROOR

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Fueled by a deep passion for research and innovation in computer science, I am eager to contribute to advancements that address real-world challenges. Having lived in China for 15 years, I possess a global mindset and strong cross-cultural adaptability, allowing me to approach problems from diverse perspectives. With a commitment to pushing boundaries in technology, I aim to drive impactful solutions through cutting-edge research and collaboration.

PROFESSIONAL EXPERIENCE AND PUBLICATION

Qatar Computing Research Institute | Doha, Qatar

Research Assistant

Feb. 2025 - Present

- Co-developing EduLens, an AI-driven platform for HBKU, enabling LLM-assisted assignment submissions, streamlined document management, and analytics for student-model interactions (<https://edulens.qcri.org/>).
- Conducted research on Large Language Models (LLMs), emphasizing multilingual capabilities and applications.

Research Intern

May. 2024 – Feb. 2025

- Achieved Second Place in both the QCRI Programming Contest 2024 and Project award.

Samsung Innovation Campus: Artificial Intelligence

Nov. 2023 – Feb. 2024

Samsung Innovation Campus 2024 | Doha, Qatar

- Mastered foundational math, including linear algebra, probability, and statistics, for data science and ML.
- Proficient in data preprocessing (NumPy, Pandas), applying supervised/unsupervised learning, and implementing suitable machine learning algorithms. Acquired NLP skills for textual data processing, achieving proficiency in building and training deep neural networks using TensorFlow and Keras.

HBS FIFA TV Legacy Program | Ahmad Bin Ali Stadium, Qatar

Oct. 2022 - Dec. 2022

Assisted the front-end ASU larval commentary unit in controlling the audio system input inside a CCR room during the FIFA World Cup 2022, resulting in flawless audio quality and uninterrupted broadcast to millions of viewers worldwide.

EDUCATION & PROFESSIONAL CERTIFICATES

Liverpool John Moores University - Bachelor (Hons) Computer Science and Mathematics | **First Class Hons 2020-2024**

Relevant Projects: Supermarket System Simulation (Java & SQL), Smart City Proposal & E-commerce Website (PHP, JavaScript, HTML/CSS), TruthQuest Fake News Detection Platform (Python, Flask, Random Forest, TF-IDF).

Hamad Bin Khalifa University (HBKU) – Master of Science in Data Science and Engineering | **Fall 2025 – Present**

Courses certification

- Supervised Machine Learning: Regression and Classification | **Stanford University**
- Crash Course on Python and Foundations: Data, Data, everywhere | **Google**
- Getting Started with Git and GitHub | **IBM**
- Generative AI for Everyone | **DeepLearning.AI**
- CS50's Introduction to Computer Science | **Harvard (Edx)**
- Introduction to High-Performance and Parallel Computing | **University of Colorado Boulder**
- Linear Algebra for Data Science Using Python | **Howard University**

Skills: DBMS | Data Visualization | Deep Learning | NLP | DevOps | Machine Learning

Languages: English (fluent) | Arabic (Fluent) | Mandarin Chinese (Intermediate) | Swedish (Beginner)

Publications

- Kmainasi, M. B., Hasnat, A., Hasan, M. A., Shahroor, A. E., & Alam, F. (2025). MemeIntel: Explainable Detection of Propagandistic and Hateful Memes. **EMNLP 2025**.
- Hasanain, M., Hasan, M. A., Kmainasi, M. B., Sartori, E., Shahroor, A. E., Da San Martino, G., & Alam, F. (2025). PropXplain: Can LLMs Enable Explainable Propaganda Detection? **Findings of EMNLP 2025**.
- Kmainasi, M. B., Shahroor, A. E., Hasanain, M., Laskar, S. R., Hassan, N., & Alam, F. (2024). LlamaLens: Specialized Multilingual LLM for Analyzing News and Social Media Content. **Findings of NAACL 2024**.
- Kmainasi, M. B., Khan, R., Shahroor, A. E., Bendou, B., Hasanain, M., & Alam, F. (2024). Native vs. Non-Native Language Prompting: A Comparative Analysis. **WISE 2024**.
- Alam, F., Shahroor, A. E., Hasan, M. A., Ali, Z. S., Bhatti, H. H., Kmainasi, M. B., Chowdhury, S. A., Mousi, B., Dalvi, F., Durrani, N., & Milic-Frayling, N. (2025). EverydayMMQA: A Multilingual and Multimodal Framework for Culturally Grounded Spoken Visual QA.