

SUMMARY

Computer Science graduate with a strong focus on automation, artificial intelligence, and data processing. Proven track record of converting manual processes into automated workflows, significantly enhancing efficiency and accuracy. Experienced in applying advanced NLP and machine learning techniques in practical contexts, including finance, accounting, and legal sectors. Proficient in Python, SQL, and data analysis frameworks.

EDUCATION

American University of Sharjah (AUS)

Bachelors of Science in Computer Science

Mobile Application for Deaf Students (Senior Design Project)

American University of Sharjah

- Built an app to automate communication between deaf and hearing people
- Ranked top 20 in Dell Middle East Competition

President, Arabic Heritage Club

American University of Sharjah

- Led a 15-member team organizing cultural events

Library Student Assistant

American University of Sharjah

- Provided technical IT support

Sharjah, UAE

Aug. 2020 - Jun. 2024

Sharjah, UAE

Aug. 2023 - Jun. 2024

Sharjah, UAE

Aug. - Dec. 2023

Sharjah, UAE

Aug. 2021 - June 2023

EXPERIENCE

TawjeehAI

Founder

- Automated manual processes and unified pipelines for an accounting firm, significantly enhancing operational efficiency
- Delivered custom NLP chatbots in Islamic Banking and Environmental Law

Qatar Computing Research Institute

Research Assistant Intern

- Developed a Microsoft Word extension using QCRI's Shaheen model, enabling automated in-place document translation
- Automated and simplified the analysis of multilingual AI model behavior

CAMeL Lab - New York University

Visiting Undergraduate Research Assistant

- Automated the annotation process, integrating AI-generated word suggestions in Excel, significantly reducing manual effort and speeding up annotation tasks by tenfold
- Researched Arabic diacritics nature

aiXplain

Machine Learning Intern

- Developed automated data annotation interfaces, significantly reducing manual labor
- Researched speech-to-text models for Arabic

Ministry of Artificial Intelligence, Cisco, and aiXplain

NLP Trainee – Sibaq Lahja

- Developed automated Arabic diacritization models achieving a word error rate below 9%, significantly reducing annotation time and saving countless hours for Arabic language annotators globally
- Awarded "The Most Contributing Team"

Dubai, UAE

Dec. 2024 - Present

Remote

Jun. 2024 - Feb. 2025

Abu Dhabi, UAE

Jun. - Oct. 2023

Remote

Dec. 2022 - May 2023

Dubai, UAE

Jul. - Oct. 2022

PUBLICATIONS

- [ACL 2024](#), [COLING 2025](#), [EMNLP 2022](#) (co-authored papers)

SKILLS & INTERESTS

Computer & Framework Skills: PyTorch, TensorFlow, Hugging Face, scikit-learn, NumPy, GitHub

Programming Languages: Python, Javascript, SQL, C++, Swift

Language: Arabic (Native), English (Fluent)