

SUMMARY

I am a Computer Science student at the American University of Sharjah. I specialize in AI/ML and am eager to apply my technical skills and soft skills in an interactive environment. My technical expertise includes the ability to customize required specifications into useful software applications. In addition, my strong personal skills enable me to easily connect with new people and gather necessary details, facilitating effective collaboration.

EDUCATION

American University of Sharjah (AUS)*Bachelors of Science in Computer Science***Mobile Application for Deaf Students (Senior Design Project)***American University of Sharjah*

- Reached the top 20 finalist teams in the Dell Competition, competing with the entire Middle East.
- Evaluated speech recognition models, selecting Google Cloud ASR for its superior real-time transcription accuracy.
- Created and optimized tailored Environmental Sound Classification Model for school setting with 90% accuracy.
- Contributed to a text-to-Emarati Sign Language avatar, enhancing educational content accessibility for deaf.

President, Arabic Heritage Club*American University of Sharjah*

- Led a 15-member team to organize cultural events promoting Arabic heritage.
- Mediated conflicts, fostering a cohesive environment for effective club initiatives.

Library Student Assistant*American University of Sharjah*

- Worked at the Library Service Desk to address student needs.
- Assisted students with IT issues, including printing, computer-related problems, and software applications.
- Organized systematically the library books according to the Library of Congress standards.

Sharjah, UAE*Aug. 2020 - Jun. 2024***Sharjah, UAE***Aug. 2023 - Jun. 2024***Sharjah, UAE***Aug. - Dec. 2023***Sharjah, UAE***Aug. 2021 - June 2023*

EXPERIENCE

Qatar Computing Research Institute*Research Assistant Intern*

- Contributed to a model for Arabic dialect identification.
- Developed a prototype translation model English to Arabic.
- Contributed to Arabic dialects MMLU benchmark post-editing.

Remote*Jun. 2024 - Present***CAMeL Lab - New York University***Visiting Undergraduate Research Assistant*

- Co-authored a paper accepted to the ACL 2024 main conference.
- Released open-source diacritics analysis code using Python and GitHub, enhancing research transparency.
- Collaborated in weekly team discussions to guide the enhancement of an Arabic diacritization algorithm.

Abu Dhabi, UAE*Jun. - Oct. 2023***aiXplain***Machine Learning Intern*

- Created a user interface for the annotator to easily modify the dataset the way the company wants.
- Researched models for speech recognition that works best with Arabic text.
- Pre-processed data given in JSON format.

Remote*Dec. 2022 - May 2023***Ministry of Artificial Intelligence, Cisco, and aiXplain***NLP Trainee – Sibaq Lahja*

- Won the best team for the most contributing team to the program.
- Co-authored a paper accepted to the EMNLP 2022 conference.
- Developed two diacritization models (HMM and Seq2seq) achieving less than 9% word error rate.

Dubai, UAE*Jul. - Oct. 2022*

SKILLS & INTERESTS

Computer & Framework Skills: GitHub, Tensorflow, PowerPoint, Word, Excel, scikit-learn, Numpy, PyTorch**Programming Languages:** Python, Javascript, SQL, C++, Swift**Soft Skills:** Teamwork, Leadership, Time Management, Creativity**Language:** Arabic Native Speaker, English Fluent Speaker**Extracurricular Activities:** Cultures, Swimming, Tennis, Football