

MHD TAMEEM KABBANI

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SUMMARY

My areas of expertise include app development, machine learning, and natural language processing. I'm a motivated and meticulous computer science student. I have first-hand experience in these fields thanks to my Bachelor of Science from the American University of Sharjah and my work on numerous projects. I'm passionate about using technology to solve urgent problems and further the goals of sustainable development.

EDUCATION

American University of Sharjah (AUS)

Bachelors of Science in Computer Science

Relevant Coursework: Data Structures. Programming Languages. Statistics. Artificial Intelligence. Linear Algebra. Calculus. Digital Systems, Graphical User Interface, Design and Analysis of Algorithms

Sharjah, UAE

May 2024

EXPERIENCE

CAMeL Lab - New York University

Machine Learning Intern

- Researched previous solutions for Arabic diacritization
- Understood how diacritics appear in the Arabic text
- Improved the accuracy of a state-of-the-art model for diacritization

aiXplain

Machine Learning Intern

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

Abu Dhabi, UAE

Jun. 2023 – Present

Remote

Dec. 2022 – May 2023

ACHIEVEMENTS

Ministry of Artificial Intelligence, CISCO, and aiXplain

NLP Trainee – Sibaq Lahja

- Built an intelligent model that diacritizes Arabic Emarati text.
- Won the best team for the most contributing team to the program.
- Worked with well-known specialists in the NLP Arabic world with high experience in the field.
- Used NLP, classical machine learning and deep learning.
- Contributed to a research paper about the methods we used.

Dubai, UAE

July – October 2022

RELEVANT COURSE PROJECT

Arabic Digital Humanities Course Project

American University of Sharjah

- Answered the research question “Where did Syrians come from?” from a book without reading it.
- Used Arabic Natural Language Processing tools like Camel-Tools to annotate the text.
- Visualized the locations mentioned in the book on a map using Open Cage and Folium libraries.

Sharjah, UAE

Jan – May 2023

SKILLS & INTERESTS

Computer Skills: Python, NLP, Machine Learning, App Development, SQL, Swift, C++, Python Java, HTML, CSS, Excel

Soft Skills: Teamwork, Leadership, Time Management, Creativity

Language: Arabic Native Speaker, English Fluent Speaker

Extracurricular Activities: Cultures, Swimming, Tennis, Football