

# EQBAL AL-ZAITOUN

Machine Learning, Data  
Science, NLP




## PERSONAL INFORMATION

Gender: Female

Marital status: Single, No children

## CONTACT

 Jerash, Jordan

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 +962791987935

## Languages

Arabic: Mother tongue

English: Very Good

German: Beginner

## Experience

### ● Computer Science Lecturer - Full Time

Dept. of Computer Science | Jadara University (Irbid, Jordan)

10.2022 - present

<http://www.jadara.edu.jo/>

**Course Taught:** Data Structures and Algorithms, Machine Learning, Programming Languages (Java, Python).

**Teaching Philosophy:** I believe in creating an engaging and interactive learning environment that fosters critical thinking and problem-solving skills. I utilize various teaching methods, including lectures, discussions, hands-on coding exercises, and projects.

### ● Computer Science Lecturer - Part Time

Dept. of Computer Science | Jadara University (Irbid, Jordan)

10.2017 - 10.2022

<http://www.jadara.edu.jo/>

**Course Taught:** Data Structures and Algorithms, Software Testing, Information Retrieval, Data Science, Advance programming, Programming Languages (Java, C# & Python).

### ● Java Developer - (Freelance)

Amman, Jordan

08.2016 - 05.2022

Developed Android applications using Java and relevant frameworks (Kotlin, Android SDK).

Built a productivity app for a small business, streamlining their workflow and boosting efficiency.

## Education

### ● Master in Computer Information Systems - (M.Sc. CIS)

Jordan University - Amman/Jordan

GPA: 3.75/4 (Excellent)

Obtained - 09.2015

**Thesis Title:** "Passage retrieval from multiple documents using multithreading"

**Tools:** NLTK, spaCy, Python multiprocessing library

### ● Bachelor in Computer Information Systems - (B.Sc. CIS)

Jordan University - Amman/Jordan

GPA: 3.00/4 (Very Good)

Obtained - 09.2015

## Courses & Certificates

### ● Generative AI with Large Language Models

Coursera - 08.2023

### ● Basics of Data Science & Machine Learning

Edraak - 03.2023

### ● Chartered Certified Employee

UNDP - 03.2023

**Subjects:** Communication Strategies, Teamwork: Building Better Teams, Time Management: Get Organized for Peak Performance, Problem Solving and Decision Making, Public Speaking: Speaking Under Pressure.

## Technical Skills

### AI Fields

Data Science	● ● ● ● ●
Deep Learning	● ● ● ● ●
Text Mining / NLP	● ● ● ● ●
GenAI	● ● ● ● ●

### Languages and Frameworks

Java	● ● ● ● ●
Python	● ● ● ● ●
C#	● ● ● ● ●
Javascript	● ● ● ● ●

### DS & LLM & NLP Tools

Pytorch/TensorFlow	● ● ● ● ●
SpaCy/ NLTK	● ● ● ● ●
Numpy/Pandas	● ● ● ● ●
Keras/ Scipy	● ● ● ● ●
Scikit-learn	● ● ● ● ●
LangChain	● ● ● ● ●
T5 Transformer	● ● ● ● ●

### DevOps

Docker	● ● ● ● ●
Git	● ● ● ● ●
CI/ CD	● ● ● ● ●
Unit Testing	● ● ● ● ●




### Cloud Computing

GCP	● ● ● ● ●
AWS	● ● ● ● ●
Azure	● ● ● ● ●

### DB Frameworks

PostgreSQL	● ● ● ● ●
MySQL	● ● ● ● ●
MongoDB	● ● ● ● ●

## Research Interests

-  Information Retrieval and Natural Language Processing
-  Big Data Analysis
-  Machine Learning

## References

### Prof. Dr. Nadim Obied - Full Prof

Jordan University - Amman/Jordan  
E-mail: [obein@ju.edu.jo](mailto:obein@ju.edu.jo)

### Prof. Dr. Bassam Hammo - Full Prof

Jordan University - Amman/Jordan  
E-mail: [b.hammo@ju.edu.jo](mailto:b.hammo@ju.edu.jo)

### Dr. Mohammad Abushariah - Associate Prof

Jordan University - Amman/Jordan  
E-mail: [M.AbuShariah@ju.edu.jo](mailto:M.AbuShariah@ju.edu.jo)