

# ABDUL RAHMAN OSAILI

Amman | Osaili\_ar@IEEE.org | +962 7 8642 7763 | Jordanian

**LinkedIn:** <https://www.linkedin.com/in/abdul-rahman-osaili-66>

## PROFESSIONAL SUMMARY

A motivated and detail-oriented 4th-year Computer, and Communication Engineering student with robust experience in both academic and practical applications. Adept at utilizing advanced analytical and programming skills to solve complex engineering problems. Proven track record in machine learning, specifically in predictive modeling and deep learning. Active participant in IEEE, contributing to the student branch at Al-Zaytoonah University and competing in notable engineering competitions. Highly skilled in project management, team collaboration, and technical presentations.

## SKILLS

- Problem-solving
- Communication skills
- Public Relations
- Google Workspace
- Python, C, C++, Dart / Flutter
- MySQL
- Microcontroller Systems
- Linux

## EDUCATION

2020 - Current

**Bachelor of Engineering: Computer and Communication Engineering**  
*Al Zaytoonah University Of Jordan - Amman, Jordan*

2024

**ERASMUS+ EXCHANGE PROGRAM: Electrical Engineering**  
*Iğdir University, Turkey - Iğdir, Turkey*

## AWARDS AND ACCOMPLISHMENTS

- 2nd place programming award in SUMO ROBOT CONTEST HTU (2024)
- IEEE ZUJ SB VICE-CHAIR (2022 -2023)
- IEEE ZUJ SB CHAIR (2023 - Present)
- IEEE ZUJ COMSOC CHAIR (2023 - Present)

## CERTIFICATIONS AND LICENSES

- **55 HR PRACTICAL TRAINING FOR THE INTEGRATED COMMUNICATION - COMATEC 2022**
- **LEGO MINDSTORM L1 - ENGINEERING GENIUSES**

## LANGUAGES

**Arabic**

Native

**English**

Advanced

## PROJECTS

- **SUMO ROBOT CONTEST 2023 & 2024**  
Designing, Building and Programming a robot for the Sumo Robot National
- **MOBILE APP FOR JORDAN HOSPITALS 2023**  
Collected and analyzed user sample data from diverse experience levels for the app.  
Programmed the app's front-end using Flutter.  
Participated in The Crown Prince Award for the Best Government Services Application.
- **MYSQL DATABASE FOR A MARKET**  
Designed and implemented a MySQL database with tables for customers, goods, and workers.
- **AI MODEL: CNN USING ELMAN NETWORK MODEL**  
Developed a Convolutional Neural Network (CNN) using the Elman network model, including all calculations for forward and back propagation.
- **WIRELESS DATA-RATE METER USING DEEP LEARNING**  
Developed for IEEE COMSOC & SPS and MathWorks competition, this project utilized deep learning in MATLAB to create a precise wireless data-rate meter.