

ISSAM JEBNOUNI

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SKILLS

Python, SQL, Data Manipulation, Machine Learning, Deep Learning, Computer Vision, Mediapipe, Tensorflow, Keras, scikit-learn, Pandas, Numpy, Matplotlib, Seaborn

EDUCATION

NATIONAL INSTITUTE OF APPLIED SCIENCES AND TECHNOLOGY

North Urban Center, Tunis

Engineering Degree

Expected June 2024

Major in Networks and Telecommunications; Minors in Image and Video Analysis.

Relevant Coursework: Machine learning, Deep Learning; Big Data, Business Intelligence, Image Processing, Video Processing.

WORK EXPERIENCE

ONETECH BUSINESS SOLUTIONS

Charguia 2, Tunis

Backend Web Development Intern

Jul 2022 – Aug 2022

- Extracted relevant data from CDR files to analyze calls, resulting in improved insights.
- Developed a billing microservice for the CUCM call management solution.

UNIVERSITY PROJECTS

ARABIC WORD-LEVEL SIGN LANGUAGE RECOGNITION MODEL

Feb 2023 – May 2023

- Conducted Exploratory Data Analysis on the KArSL Dataset.
- Extracted Hand and Pose Keypoints from sign videos using Mediapipe's Holistic Model, serving as essential features.
- Achieved a remarkable accuracy of 99.62% on test data using a BiLSTM model.

CERTIFICATIONS

[Python Programmer Career Track \(Datacamp\)](#), [SQL Fundamentals Skill Track \(Datacamp\)](#), [Data Analyst Career Track \(Datacamp\)](#), [Data Scientist Career Track \(Datacamp\)](#), [Machine Learning Specialization \(Coursera\)](#).

ACTIVITIES

IEEE TUNISIA SECTION

North Urban Center, Tunis

Head of Public and Industry Relations

Apr 2023 – Present

- Joined the core team of the Taskforce for Efficient Organizational Units Accounting.
- This project supported by the IEEE Tunisia Section will improve the experience of 30+ student branches and their subunits.
- This year-long project aims to restructure the communication flow among all the units and subunits with the section and reduce unnecessary emails and phone calls by more than 50%.

IEEE INSAT STUDENT BRANCH

Gammarth, Tunis

Head of Sponsorship of the IEEE R8 SYP Congress

Feb 2022 – Aug 2022

- Won the right to organize IEEE EMEA Region Student and Young Professional Congress in Tunisia.
- Raised approximately 30,000\$ from local and international sponsors to fund the congress.
- Managed the participation of 200+ attendees and guests during the 5-day Congress.

IEEE COMPUTER SOCIETY CHAPTER INSAT

North Urban Center, Tunis

General Secretary

Sep 2021 – May 2022

- Scheduled and coordinated executive board meetings, ensuring efficient operation of the chapter.
- Supported the organization of 3 significant events, contributing to their successful execution.

IEEE COMPUTER SOCIETY CHAPTER INSAT

North Urban Center, Tunis

Ambassador / Project manager of the fifteenth edition of the international hackathon IEEEExtreme

Apr 2021 – Oct 2021

- Communicated essential information provided by regional ambassadors, facilitating effective coordination.
- Managed a committee to organize a highly successful edition of the hackathon, attracting 160 participants.