

ABDULRAHMAN MAKKAWI

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Proficient Python Developer and Machine Learning Enthusiast seeking a position in which I could improve my skills that is related to the fields I aspire to work in.

GENERAL EXPERIENCE

JANUARY 2023 – PRESENT

COMMITTEE MEMBER/ASSISTANT, IEEE

- Partnered with engineers' teams to build insightful analytical solutions.
- Collaborated with Python workshop at the Lebanese University as an introduction to programming for all the students.

MAY 2023 – AUGUST 2023

MACHINE LEARNING PROJECTS, PERSONAL

Neural Network - traffic: Utilized TensorFlow, Numpy and Keras to develop a neural network for computer vision, focusing on road sign recognition using the [German Traffic Sign Recognition Benchmark](#) (GTSRB) dataset containing more than 51,000 images.

Natural Language Processing (NLP): Applied NLP techniques with NLTK to parse English sentences, enhancing their structural understanding and facilitating effective information extraction.

Shopping: Built an AI that predicts if the visitor is willing to buy or just scrolling on the website using Supervised Learning and Keras.

Nim: Created a “Nim” game that is playable against a self-learned AI using Reinforcement Learning algorithm “Q-Learning”.

Larry Page Algorithm: Implemented a ranking algorithm employing both methods, the Random Surfer Model (RSM) and Iterative Algorithm, pivotal in search engines like Google.

EDUCATION

OCTOBER 2022 - PRESENT

ELECTRICAL & COMPUTER ENGINEERING DIPLOMA, LEBANESE UNIVERSITY

GPA: 3.6

SKILLS

- Python - C# - SQL
- Machine Learning Algorithms – Object Oriented Programming (Python/C#) - Data Pre-processing
- Deep Learning - Computer Vision - NLP – Recurrent / Convolutional Neural Network
- Tensorflow - Scikit-learn - NLTK - Keras