# AMIRA ELSAYED MACHINE LEARNING ON CLOUD ENGINEER



#### **Profile**

An innovative and experienced Machine Learning on Cloud Engineer with expertise in designing and deploying large-scale, distributed systems for data processing and analysis. Proficient in AWS cloud computing platforms. Skilled in developing and deploying machine learning models using tools such as TensorFlow, PyTorch, and Scikit-Learn.

## Experience

For 5 months

**Engineering Office for Integrated Projects** (EOIP)

Software Engineer Front & back end developer

## **Training**

For 1 month

**HITS Solutions** 

Machine Learning Engineer

Name Entity Recognition project with NLP model to recognize skills from resume and build classification model for classify job title of the resume

## Education

2016 - 2021

Electronics and Communication department, Faculty of Engineering

Cairo University
Graduation project:

"Diacritics Restoration using BERT For Arabic language"

For 4 months

Four months scholarship of Digital Egypt Youth Initiative in NTI

**Track: Machine Learning On cloud** 

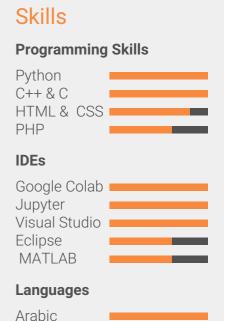
- AWS Academy Data Center Technician
- AWS Academy Cloud Foundation
- CISCO Networking Academy
- AWS Academy Machine Learning Foundations
- AWS Academy Machine Learning for Natural Language Processing

#### Interests

Exploring new machine learning techniques and algorithms

Participating in machine learning competitions

Contributing to opensource machine learning projects



## Contact

English

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#### Course

Oct 2022 AGILE METHODOLOGY COURSE IN EDRAAK

Oct 2021 INTRODUCTION COURSE IN RPA

Jun 2020 MACHINE LEARNING AT COURSERA

Aug 2019 **IOT IN MAHARA TECH** 

Feb 2019 VHDL

Aug 2019 EMBEDDED SYSTEM DIPLOMA IN 3LEMNY ACADEMY

Aug 2018 LEARNING HOW TO LEARN COURSE AT COURSERA

# **Projects**

NAME ENTITY RECOGNITION BY NLP MODEL TO RECOGNIZE SKILLS FROM RESUME

DIACRITICS RESTORATION USING BERT FOR ARABIC LANGUAGE

RESEARCH PROJECT OF MATHEMATICAL COURSE FOR UNDER GRADUATED STUDENTS CALLED FACE RECOGNITION USING: OPEN CV, PYTHON, DATABASE

AN ATTENDANCE SYSTEM USING: PCB, MICRO CONTROLLER, KEYBAD, LCD.

IQ-TEST APPLICATION BY BUILDING A 16-BIT GENERAL PURPOSE INTEGER PROCESSOR USING : ALTUIM (PCB DESGIN) , XILINX ISE (VHDL CODING)

GLASSES FOR THE BLIND USING: ARDUINO AND SOME OF ELECTRONICS DEVICE

SUPER-HETERODYNE RECEIVER USING: MATLAB PROGRAMMING SPECIFICALLY,

AN AM MODULATOR AND

**RADIO-STATION GENERATED SIGNALS** 

**IMAGE AND SOUND PROCESSING USING: MATLAB** 

FILE ANALYSIS AND SMALL SEARCH ENGINE USING : INORDER LINKED LIST BY C++ IN ECLIPSE