

# 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 open-source machine learning projects

### Skills

#### Programming Skills

Python   
C++ & C   
HTML & CSS   
PHP

#### IDEs

Google Colab   
Jupyter   
Visual Studio   
Eclipse   
MATLAB

#### Languages

Arabic   
English

### Contact

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## Course

Oct 2022	<b>AGILE METHODOLOGY COURSE IN EDRAAK</b>
Oct 2021	<b>INTRODUCTION COURSE IN RPA</b>
Jun 2020	<b>MACHINE LEARNING AT COURSERA</b>
Aug 2019	<b>IOT IN MAHARA TECH</b>
Feb 2019	<b>VHDL</b>
Aug 2019	<b>EMBEDDED SYSTEM DIPLOMA IN 3LEMNY ACADEMY</b>
Aug 2018	<b>LEARNING HOW TO LEARN COURSE AT COURSERA</b>

## 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 : ALTIUM (PCB  
DESIGN) , 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**