

# Alhasan Gamal Mahmoud

## CAREER OBJECTIVE

Seeking to work as a junior Machine Learning Engineer, Data Scientist, Deep Learning Engineer, or Computer Vision Engineer in a reputable organization to utilize my technical, programming, and management skills to enhance current knowledge about new and emerging trends in machine learning and AI.

## EDUCATION

**Bachelor's degree | Faculty of Computers and Information Science Benha University**

2016 – 2020

**Cumulative Grade:** Good (73.15%).

**Graduation Project:** Sign Language Translator (Alphabet, Number, Special words) | Mobile Application |3D Unity |Deep Learning

**GP Grade:** Excellent.

## TECHNICAL SKILLS

- **Programming:**
  - C++
  - Python
  - MATLAB
  - OOP
  - Data Structure
  - Algorithm
- **Concepts:**
  - Machine learning
  - Deep learning
  - NLP
- **libraries:**
  - Pandas
  - NumPy
  - Keras
  - Scikit-learn.
  - OpenCV

## PROJECTS

- **Machine Learning & Deep Learning:**
  - **Sign Language Translator (Graduation Project):**

The model classifies sign language to alphabets A-Z, digits 0-9 and special words, it was trained in 203k image and classifies 51 class.
  - **Tomato leaf diseases:**

The model classifies the image to Tomato leaf diseases.
  - **Machine learning nanodegree course:**
    - Predicting Boston Housing Prices
    - Dog Identification
    - Finding Donors for Charity ML
    - Creating Customer Segments
    - Capstone project Appliance Energy Prediction
- **Image Processing**

This project is using some filters to modify images and repair them from some noises. Using MATLAB GUI.

## SOFT SKILLS

- Skilled at learning new concepts, technologies and communicating them to my teammates effectively.
- Skilled at organizing other people to reach a shared goal.
- Ability to present information clearly and effectively.
- Ability to detect defects and identify their root cause and come up with proper solutions while meeting tight deadlines.

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## CERTIFICATES AND COURSES

- 2021 | Data Analysis with Python | [Coursera \(IBM\)](#)
- 2020 | Data Science Math Skills | [Coursera \(Duck University\)](#)
- 2020 | Python for Data Science and AI | [Coursera \(IBM\)](#)
- 2020 | Machine Learning | [Sololearn](#)
- 2020 | What is Data Science | [Coursera \(IBM\)](#)
- 2020 | ICT Computation Network track | [Huawei \(Bronze medal\)](#)
- 2019 | Python3 | [Sololearn](#)
- 2019 | Introduction to deep learning | [Mahara-Tech](#)
- 2019 | Machine Learning Nanodegree | [Udacity](#)
- 2019 | CCNA Routing and Switching Certificate | [CISCO](#)

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## SUMMER INTERNSHIPS

**Machine Learning Specialist** | AWS & MCIT

JAN 2021 – April 2021

**Machine Learning Nanodegree** | Next Technology Leaders (NTL)

JUN 2019 – Oct 2019

**Entrepreneurship** | Intern at Innovegypt

SEP 2019 – SEP 2019

**Web Full Stack** | Faculty of Computers and Information Science Benha University

JUL 2018 – AUG 2018

**C++ GUI** | Faculty of Computers and Information Science Benha University

JUL 2017 – AUG 2017

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## EXTRA ACTIVITIES

- 2020 | Head of HR at RE-tech | Benha University.
- 2018-2019 | Part of Technical team of the hour of code event.
- 2018-2019 | Web developer Member in IEEE | Benha University.
- 2017-2018 | Part of Registration Team of an hour of code event.
- 2017-2018 | HR Member in IEEE | Benha University.
- 2016- 2018 | Experience in ACM Competitive Programming | Benha University

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## LANGUAGES

- Arabic | Native
- English | Good

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## REFERENCES

- Available upon requests