

# Mohammad Habli

**Data Scientist & Software Developer**

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## Summary

- Highly-skilled Programmer with 3 years in software design. development and integration.
- Advanced knowledge of Machine Learning, Data Analyst, Research, Artificial Intelligence and Deep-Learning using Python programming languages.
- Web developer with knowledge of WordPress, PHP, Django and Flask.
- Logical and professional with excellent problem-solving skills.

## Technical Skills

- Artificial Intelligence (Supervised and unsupervised learning)
- Machine Learning Models (Neural Network, SVM, Decision Tree, Random Forest, Logistic Regression)
- Advance knowledge in python libraries (Scikit-Learn, Numpy, Keras, PyTorch, SciPy, Pandas, Matplotlib, Selenium, BeautifulSoup, Pillow, NLTK, Spicy, MoviePy, Kinter and more)
- Image Processing using MATLAB and Python
- Programming Languages (Python, PHP, Java, C#, C++, C, VB.net, ASP)
- Web Development (Html5, CSS3, JavaScript, PHP, WordPress)
- Web services and REST API.
- Database (SQL, MySQL, MongoDB, Dataverse)
- OS(Windows, Linux, Mac)
- Microsoft Office 365 (Word, PowerPoint, Excel, SharePoint, Whiteboard...)

## Work Experience

AL Reaaya Association NGO

Software Developer, April 2018– Present

- Collaborated with product management to design, build and test systems.
- Created Desktop programs, wrote codes and tested programs for optimal performance and accuracy to Automate the Routine work using Selenium.
- Leading a team of workers and creating a program to deal with Big Data to help the team to cooperate and help all segments of society in partnership with the municipality to deal with covid-19 pandemic by Gathering data from Sadia City and applying Un supervise learning on it to get labeled data.
- Leading a team in Adahi project by dealing with a big data analyze and research's, include giving tasks and managing the workflow by building an API that get data and deliver reports.
- Worked closely with clients to establish specifications and system designs.
- Performed research and analysis to develop new projects, proposals and system modifications.

Legal Tech Company

Free Lancer as Data Scientist, September - November 2021

Developing AI API using NLP to extract Keywords from unstructured document like Contracts

- Research and Presentation
- Data gathering (200 different type of Contracts)
- Data analyst and Organizing ML
- Building Rule Base model using NLP
- Building API using Flask

ProCedars

Free Lancer as Data Scientist, December 2021 - January 2022

Extract entities from a Damage report by email

- Building OCR optical character recognition using Tesseract library in python as pre-processing stage for the data.
- Building an AI model using NLP and ML to extract the entities using scikit-Learn, Spacy, NLTK and other libraries

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## Personal Project

**Developing an Artificial Intelligence-based Model for the Detection of Critical Diseases Using Retinal Fundus Images** using five different Machine Learning Models (Neural Network, SVM, Decision Tree, Random Forest, Logistic Regression).

The Idea and the work were all mine beginning from Researches to gathering the data (500,000 Retina images) to develop a preprocessing model and extraction the features and finally building all 5 models.

The finest model gave more than 97% accuracy.

An article will be published soon with Future work to develop a mobile application.

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## Education

**Harvard University - Cambridge, Massachusetts**  
**Certificate: Computer Science and Programming**

**(April to July 2021)**

[Completed and passed the professional development in Using Python for Research a course of study offered by Harvard University.]

**Faculty of Technology - Lebanese University - Saida, Lebanon (2016-2019)**  
**Bachelor of Engineering Technology: Communication And Computer Networking Engineering**

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## Soft Skills

- Strong Communication, Analytical skills
  - Interpersonal Skills
  - Confident , Self-Motivated, Fast Learner, Hard Worker
  - Responsible , Team Player, Leadership
  - Ability to work independently
  - Can-do attitude, Multitasking
  - Trouble-shooter and problem solver
  - Able to work under pressure and meet tight deadline
  - Project management skills
  - Languages (Arabic: Native Speaker, English: fluent)
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## Certifications and Trainings

- Apr2019 – June2019 - Telecommunication (Training) – Ogero – Beirut –Adlieh
    - The Lebanon Network
    - Ericsson Switching
    - Group Switching Subsystem (GSS)
    - Work Orders (Adding a new range, problem in the numbers, Automatic backup)
  - Aug2018 – Sep2018 - Electronic Theoretical(Training) – Directorate General Of Civil Aviation - Beirut International Airport
    - Navigation-AID (DVOR & DME)
    - RADAR ( Radio Detection Signal)
    - Navigation-AID (ILS)
  - June2018 – Aug2018 - Web Developer(Training) – Open Tech - Down Town Bldg, Saida City
    - Frontend (CSS3, HTML5, JavaScript)
    - Backend (PHP)
  - Mar2018- Mar2019 - Certificate of Achievements (Steer your Career, Personal Finance, Boosting your Employability, Business Ethics) with Injaz Lebanon - Lebanese University Faculty of Technology – Siada
  - Jan2017 – Aug2018 – Workshops and Training in (Educational Programs, Body Language Understanding, Communication Skills, Planning skills) - AlReaaya Association
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