

# Mohamed Ibrahim

Giza, Egypt | +20 1011258598 | Military Service: Completed | [Gmail Account](#) | [LinkedIn Profile](#) | [GitHub Account](#)

## PROFILE

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As a fresh graduate with a degree in Computer Science, I have developed a strong foundation in key data science tools and techniques. I pride myself on my analytical mindset, technical prowess, and ability to collaborate effectively with cross-functional teams. Driven by a passion for uncovering impactful data-driven insights, I am eager to apply my skills within a dynamic, growth-oriented environment. My unique blend of technical expertise and problem-solving capabilities would make me a valuable addition to your data science team. I welcome the opportunity to discuss how I can contribute to the continued success of your organization through an enriching internship or junior level role.

## EDUCATION

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Bachelor of Computer Science & Engineering, July 2023  
Menoufia University, Egypt | Grade: Good (72%)

## SKILLS

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### Technical Skills:

- Languages:
  - Python
- CS Concepts:
  - OOP, Problem Solving, Data Structures, Algorithms
- Libraries/Frameworks:
  - Pandas, Matplotlib, NumPy, Scikit-Learn, OpenCV, TensorFlow, Keras, CNN, Beautifulsoup, Tableau
- Databases:
  - MY SQL, SQL Server
- Data Science Skills:
  - SQL, Data Cleaning, Data Analysis, Data Visualization, Web Scraping, Machine Learning, Deep Learning, Recommendation Systems, Computer Vision, Microsoft Excel, Git, Linux

### Soft Skills:

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|-------------|-------------------|-----------------------|
| • Teamwork  | • Time Management | • Self-learning       |
| • Hard work | • Communication   | • Presentation skills |

## WORK EXPERIENCE

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Innov-Egypt Program	Creativa Hub Menoufia, 2023
<ul style="list-style-type: none"><li>• Entrepreneurship</li><li>• Management</li></ul>	<ul style="list-style-type: none"><li>• Teamwork</li><li>• communication skills</li></ul>

It "s a 45-hour training course and developed a final project for a potential startup.

Online Training in Huawei ICT Academy	Online, 2023
<ul style="list-style-type: none"><li>• HCIA-Cloud Computing Learning Course</li><li>• HCIP-Big Data Learning Course</li></ul>	<ul style="list-style-type: none"><li>• HCIP-AI EL-Developer V2 Learning Course</li></ul>

## PROJECTS

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- Plant Disease Detection Web Application (Graduation Project)  
A platform uses object detection and advanced algorithms to identify plant diseases accurately, providing treatment recommendations and detailed reports on disease type and severity.
- The Orange Telecom's Churn  
This project aims to predict customer churn for a Telco company using machine learning techniques.

- Mask Detection Application  
Performing CNN Technique which using web camera to detect which people wearing mask or not.
- Finding Donors for CharityML Project  
Performing Supervised Learning Technique to analysis 32,000 data points, applied data preprocessing, used ensemble methods, and extracted feature importance to better understand the data.
- Query a Digital Music Store Database  
Working on digital music store database to help the company see how they might optimize their business practices.
- Statistical Analysis and A/B Test for an E-Commerce Website  
Help the owner to select between old/new pages and performed sample distribution (Bootstrapping) to better understand and represent the data and also checked results by using a regression approach.
- Flight Delays and Cancellations  
Build a Data Visualization project using Tableau Features.

## CERTIFICATION

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- TensorFlow - Python Deep Learning Neural Network API  
Learned How to Create ANN and CNN with TensorFlow DEEPLIZARD, 2023
- Computer Vision Kaggle, 2023
- Machine Learning Cross-Skilling  
Certified in using supervised and unsupervised machine learning techniques in projects. Udacity, 2023
- Advanced Data Analysis Nanodegree Program Udacity, 2022
- Data Analysis Professional Nanodegree Program Udacity, 2022
- Database Fundamentals Information Technology Institute (ITI), 2022
- Python Fundamentals Track Data Camp, 2021
- SQL Server Fundamentals Track Data Camp, 2021

## VOLUNTEER EXPERIENCE

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### Head of Public Relations

FEE Robotics Club, Faculty of Electronic Engineering November 2021 - January 2023

- I am dedicated to supporting the growth of student activities by securing sponsors for their initiatives.
- I also organize key events and the annual competition. Moreover, I teach my team the fundamentals of public relations and sponsor attraction.

### Public Relation Member

Native Community, Faculty of Electronic Engineering January 2019 - January 2020

- A Community which helps students to learn and practice English language in positive environment.

## LANGUAGES

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Arabic (Native Speaker)

English (B2)