

# Ali Salama Mohamed

Location: Cairo, Egypt (easy to relocate)

Email: [alisalamapro@gmail.com](mailto:alisalamapro@gmail.com) | Mobile: +201021269829

[LinkedIn](#) | [GitHub](#) | [Kaggle](#) | [Behance](#)

## Professional Summary

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I am a passionate and driven software developer with a solid foundation in computer science and a growing specialization in artificial intelligence and machine learning. Currently pursuing a 9-month professional diploma in AI/ML at the Information Technology Institute (ITI), I recently earned my degree in Computer Science from the Arab Open University.

I thrive on building innovative, impactful software solutions and enjoy solving complex problems through analytical thinking and creativity. With strong technical skills, a quick learning ability, and a collaborative mindset, I adapt easily to new challenges and dynamic environments.

I am eager to join a forward-thinking team where I can continue growing, contribute meaningfully, and help drive success through cutting-edge technologies.

## Education

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### 9-Month Professional Diploma, Artificial Intelligence and Machine Learning Track (Oct 2024 – Jun 2025)

(ITI) Information Technology Institute, (MCIT) Ministry of Communications and Information Technology, Mansoura branch.

### Bachelor's degree in Computer Science (2024)

Arab Open University, Egypt

## Projects

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### Local Guide App (university graduated project)

Brief Description: an Android application that enhances the tourism experience by connecting travelers with local guides. It includes personalized recommendations, group planning, and modern Android development tools and frameworks (Kotlin, Jetpack Compose, Firebase, Flask, REST APIs, etc.).

### Fruits-360 Multi-Output Classification ([GitHub](#))

Brief Description: A comprehensive deep learning solution for agricultural product classification using transfer learning and multi-output neural networks.

### Credit Score Classification ([GitHub](#))

Brief Description: A machine learning model for classifying individuals into credit score categories to help financial institutions assess creditworthiness

### Multi Class Obesity Risk ([GitHub](#))

Brief Description: A predictive model to classify individuals' obesity risk levels based on personal attributes, aiding early preventive healthcare.

### Wikipedia Biography Clustering ([GitHub](#))

Brief Description: An unsupervised learning project that clusters Wikipedia biographies to reveal patterns and group similar profiles based on textual features (NLP).

### Twitter hate speech classification

Brief Description: A machine learning project to detect and classify hate speech in tweets using feature extraction (BoW, TF-IDF, embeddings) and models like Logistic Regression, SVM, CNN, or LSTM.

## Certifications & Courses

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Android Developer Track - Udacity ([Certificate](#))

Techie kit program, Software Technology Track - Orange Digital Center, Egypt ([Certificate](#))

Advanced Programming in Kotlin (20h) – Meta ([Certificate](#))

Manipulating Time Series Data in Python – Datacamp ([Certificate](#))

Image Processing in Python – Datacamp ([Certificate](#))

## Skills

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**Programming Languages:** Java, Python, C++, Kotlin, C, C#

**Tools and Technologies:** Git, GitHub, SQL, IntelliJ IDEA, VS code, Anaconda, Firebase, Linux, Docker, NoSQL, MySQL, MongoDB, Power BI, Dash, Jupyter Notebooks, Agile, streamlit, flask, kafka

**Artificial Intelligence & Machine Learning:** Deep Learning, TensorFlow, Keras, PyTorch, Scikit-learn, Computer Vision, Image Classification, Natural Language Processing (NLP), Recommender system, NLTK, spaCy, Transformers, Sentiment Analysis, Model Evaluation, AI Project Lifecycle, AWS Cloud, GenAI, prompt engineering, hyperparameter tuning, LLMs, MLops, Huggingface

**Data science:** Data Preprocessing, Feature Engineering, Time series analysis, NumPy, Pandas, Matplotlib, Web Scraping, seaborn, data collection, data analysis, data manipulation, big data, Spark, data visualization

**Mobile Development:** Android, Java, Kotlin, REST APIs, JSON, Android Studio, APIs, SQLite, XML, Jetpack compose, Unit testing, Android SDK, MVVM, MVP, Debugging, Kotlin Coroutines

### Design:

- UI/UX: User research, Wireframing, Prototyping, Usability testing, Design Thinking, Figma
- Graphic Design: Typography, Layout, Branding, Logo design, social media design, Illustration, Adobe Photoshop, Illustrator, After Effects, Premiere pro

**Personal Skills:** Problem-Solving, Teamwork, Communication skills, Analytical abilities, Leadership, motivated, self-learning, presentation skills, critical thinking, time-management skills, eager to learn.

## Freelancing Experience

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**Highway Digital Marketing Agency, Cairo, Egypt | Jan 2021 - Feb 2022, Dec 2023 - Mar 2024**

### *Graphic Designer*

Responsibilities:

- Designing and creating creative designs for social media.
- Building and designing the visual identity for different brands (logo design, business cards...etc.)
- Creating normal & motion ads videos and campaigns.

## Volunteer and Leadership Experience

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**AOU ICPC Community, Cairo, Egypt | Jan 2021 - Aug 2021, Jan 2024 - Aug 2025**

### *Head of media team*

Responsibilities:

- **Team Leadership:** Directed team operations, delegated tasks, and fostered a collaborative environment.
- **Content Creation:** Wrote and edited educational articles on C++, algorithms, data structures, and problem-solving for ICPC-focused audiences.
- **Social Media Management:** Managed and grew social media presence across platforms.
- **Graphic Design:** Created engaging visual content using Adobe Photoshop and Illustrator.

## Languages

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- Arabic (native)
- English (Advanced)