

Islam Amir Mohamed Ali

📍 Madinaty, Cairo, Egypt | ✉️ mr.islamamir@gmail.com | ☎️ 01007083866

🔗 LinkedIn: <https://www.linkedin.com/in/islamamir10>

Objective

Aspiring Machine Learning Engineer with a background in Electronics and Communications Engineering. Skilled in Python, machine learning frameworks, and data analysis, with hands-on experience through projects and AI training programs. Seeking to apply technical expertise in building AI-driven solutions.

Education

B.Sc. in Electronics and Communications Engineering — El-Shorouk Academy (2011 – 2016)

Cumulative Average: 80.76% (Very Good)

Senior Project: Designed and developed an autonomous 'Office Boy' mobile robot for indoor navigation and delivery tasks.

Work Experience

Electrical Design Office (MEP-LES), Cairo — Low Current Designer
Oct 2018 – Mar 2020 | Full-time

- Designed low-current electrical systems (CCTV, fire alarm, access control).
- Collaborated with engineering teams on project design and implementation.
- Applied problem-solving and system optimization skills.

Traffic Town (Educational Entertainment Center), Cairo — Small Business Supervisor | Full-time

- Managed daily operations, staff coordination, and customer service.
- Delivered interactive training sessions for children on basic traffic rules and safety.
- Trained junior staff to improve efficiency and service quality.

Technical Skills

- **Programming:** Python, JavaScript, PHP, C,C++
- **ML & AI:** Scikit-learn, TensorFlow, Keras
- **Data Science:** Pandas, NumPy, Matplotlib, Data Preprocessing, Visualization
- **Databases:** MySQL
- **Tools & IDEs:** VS Code, Sublime Text, Google Colab
- **Core Concepts:** Supervised & Unsupervised Learning, CNNs, SVM, Feature Engineering, Model Evaluation

Courses & Certifications

- **AI Track – Huawei & NTI Egyptian Talents Academy (2025)**
Focused on Artificial Intelligence concepts, Python-based ML models, and data analysis.
- **Embedded Systems Diploma – AMIT (2016)**
Covered microcontrollers, C programming, microcontroller architecture, and real-time systems.
- **Automotive Embedded Systems Course**
introduction to AUTOSAR, CAN protocols, and safety standards.

Languages

- **Arabic – Native**
- **English – Fluent (Writing, Reading, Listening, Conversation)**