# Mohamed Khaled El-Helaly

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## Education

**Ain Shams University, Cairo**                                      October 2021 – June 2026

- Undergraduate in Computer Engineering and Software Systems International program
- **Cumulative GPA:** 3.1
- **Important Coursework:** Introduction to Artificial Intelligence, Machine Learning, Deep learning, Data Mining & Business Intelligence, Database Systems, Probability & Statistics

**University of East London, London**                                October 2021 – June 2026

- Undergraduate in Computer Engineering and Software Systems program
- Dual degree with Ain Shams University

**Nefertari British International School, Cairo**                     October 2019 – June 2021

- IGCSE graduate
- Valedictorian

## Experience/Training

**AI Training Program**, Huawei ICT Academy & NTI                    January 2025 – March 2025

- Developed foundational AI skills, including Python programming, machine learning, deep learning, and data analysis, with a strong focus on practical problem-solving and algorithm design.
- Gained hands-on experience with Huawei AI platforms, development frameworks, and emerging technologies like quantum computing, preparing for AI project planning and solution design.

**CyberOps Associate Trainee**, Cisco Networking Academy & NTI       July 2024 – September 2024

- Gained expertise in network security monitoring, threat analysis, incident response, and risk management.
- Developed skills in identifying and mitigating security threats and protecting network infrastructures.
- Utilized various cybersecurity tools to detect and address vulnerabilities effectively.
- Acquired hands-on experience with real-world scenarios, enhancing capabilities in responding to cyber threats.

**Embedded C Trainee**, Garraio LLC                                   July 2023 – August 2023

- Gained hands-on experience in designing and implementing algorithms and data structures using Embedded C.
- Optimized code for resource-constrained environments and embedded systems, focusing on memory management, processing speed, and reliability.
- Collaborated with a development team to solve real-time problems in embedded programming.
- Implemented algorithms such as sorting and searching, and worked with data structures like arrays, linked lists, stacks, and queues tailored for embedded systems.

## Certifications

**Machine Learning Specilaization**
issued by:Stanford University & Deepearning.ai

## Skills

**Programming Languages:** Python, SQL, Java, C, C++, HTML5, CSS, JS

**Data Science:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Keras, Tensorflow