

Norhan Amr

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OBJECTIVE

Motivated and passionate graduate in Computer Science from Nile University with strong foundations in computer programming, problem-solving, and analytical thinking. Actively seeking opportunities in software development, artificial intelligence, and data scientist. Eager to expand expertise in AI, machine learning, and virtualization.

EDUCATION

Nile University | Cairo, Egypt

B.Sc. in Computer Science | 2021 – 2025

- **GPA:** 3.78/4.0 (Honor Student for three consecutive semesters)
- **Relevant Coursework:** Software Engineering, Design and Analysis of Algorithms, Machine Learning, Big Data, Computer Architecture, and Advanced Computer Programming.
- **Extracurricular Activities:** Head of IEEE NU Student Branch Club, providing full event coverage for TechTalks 1.0, CASS Student Design Competition, and IEEE Egypt Ramadan Iftar, while designing social media content and mentoring members in Adobe Illustrator

EXPERIENCE

• Digital Egypt Pioneers Initiative | Generative AI Professional

Dec 2025 – Present

Acquiring professional skills to implement Generative AI solutions in enterprise environments.

• MCIT, Microsoft Egypt & Care Egypt | Data Analysis Trainee

Aug 2025

Completed intensive training in Power BI, including Power Query, DAX, and dashboard design

• National Telecommunication Institute (NTI) | AI and IoT Trainee

Aug 2024 – Sep 2024

Focused on AI and IoT integration. Developed an AI-powered system to track and count people in video feeds and gained experience with Raspberry Pi for IoT applications and Cisco Packet Tracer for network simulations. Strengthened skills in AI model training, real-time data processing, and smart system design.

• Information Technology Institute (ITI) | IoT Application Development Intern

Sep 2022

Learned about IoT system architecture and components such as sensors, networking protocols, gateways, cloud platforms, and data analytics. Integrated various sensors and devices into IoT networks.

• Orange Innovation Egypt | C++ Induction Training

Aug 2022 – Sep 2022

Learned the fundamentals of C++, including variables, data types, control structures, loops, functions, closures, and exception handling using try-catch blocks.

PROJECT

• DermAssist | Mobile App | Graduation Project

DermAssist is an AI-driven mobile application that provides instant skin health assessments, tailored skincare guidance, and continuous progress monitoring.

• Lung Cancer Classification

This project applies and compares multiple machine learning algorithms, enhanced with SMOTE, for classifying lung cancer stages from CT scan images, aiming to improve early detection and diagnostic accuracy.

• Library System using Python and SQL

Made a program for a library system that allows users to effortlessly add, search, delete, issue, and return books.

SKILLS

• Programming: Python, C++, Java, SQL, HTML, CSS, Flutter, DAX, Power Query, Dashboard Design

• Tools: Microsoft Excel, Cisco Packet Tracer, Raspberry Pi, Power BI

ACHIEVEMENTS

• Consistently recognized as an honor student for three consecutive semesters, demonstrating strong academic performance.

• Participated twice in the African and Arab Collegiate Programming Championship (ACPC), enhancing problem-solving and competitive programming abilities.