# **Curriculum Vitae**

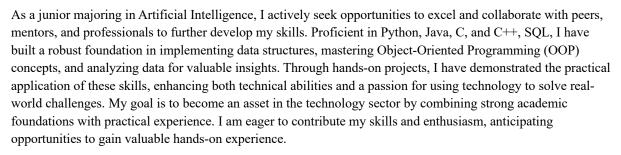
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### **Personal Profile**



### **EDUCATION**

# **Bachelor of Artificial intelligent**

Nile university • 6 October • 2026 • 3.3

## primary school

Egyptian pioneer • 6 October • 2021 • 4

# secondary

Smart city • Kerdasa • 2021 • 4

#### **EXPERIENCE**

## UNDERGRADUATE RESEARCH FORUM

Nile University October 2023 - January 2024, 6 october

- Awarded 17th UGRF for Real-Time Sign Language Translator | Nile University, Sheikh Zayed, GizaOctober 2023 – January 2024
- Developed an innovative Real-Time Sign Language Translator using Python, which won the prestigious award at the 17th Undergraduate Research Forum.
- Extensively researched and utilized the Mediapipe library to optimize sign language recognition, leveraging its advanced functionalities for robust gesture identification.
- Employed the Python Imaging Library (PIL) for real-time image and video frame preprocessing, significantly enhancing gesture recognition accuracy.

# **SKILLS**

Programming language: Java, C, C++, Python

Object-Oriented Principles: Understanding classes, objects, inheritance, and polymorphism for building modular and reusable code. Soft Skills: Teamwork, Communication, English Hard Skills: Design, Code, Software, Debugging

# Artificial Intelligence in Teaching and Training Online Workshop by The School of Continuing Education

ITCS Nile University

- www.nu.edu.eg/events/artificial-intelligence-teaching-and-training-online-workshop-school-continuing-education July 2023 July 2023
  - Developed interactive AI models to personalize learning experiences, enhancing course completion rates by 25% using tools such as Python, TensorFlow, and Jupyter Notebook.
  - Actively participated in a comprehensive workshop focused on integrating Artificial Intelligence into educational practices, organized by the School of Continuing Education.
  - Gained insights into the latest advancements in AI-driven educational platforms, adaptive learning systems, and virtual teaching assistants.
  - Acquired practical skills for incorporating AI-powered tools and strategies into teaching practices and course design, enhancing the effectiveness and efficiency of educational delivery.

# pharmacy System

ITCS Nile University • May 2024 -June 2024

- Overview: Worked on creating a Pharmacy System using Java to help pharmacies run more smoothly.
- **Key Features**: The system is easy to use, reliable, and helps pharmacy owners manage their inventory and sales more efficiently. **Impact**: Improved how pharmacies handle stock, orders, and customer service.
- Future Plan: We plan to add more features to make the system even better for pharmacies.

### **CERTIFICATIONS**

## UNDERGRADUATE RESEARCH FORUM

ITCS Nile University • 2023

**Overview**: Awarded for outstanding analysis of IT support service data, leading to significant improvements in service delivery and performance at Nile University.

## • Key Contributions:

- Analyzed data from various sources, including helpdesk tickets, system logs, and user feedback, using tools such as Excel, SQL, and data visualization software.
- Identified key trends, patterns, and areas for improvement, contributing to enhanced IT support services.
- Collaborated with IT support teams to define data requirements, develop data collection methods, and establish performance benchmarks for evaluating and improving support services.
- **Impact**: Successfully identified critical areas for improvement, leading to optimized IT support operations and increased user satisfaction.