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Summary

A passionate young global citizen and advocate for the United Nations Sustainable Development Goals (SDGs), committed to using technology to address global challenges, particularly in environmental conservation. With a strong background in programming, embedded systems, and community service, I aim to make a meaningful impact on society through innovative solutions. Originally from Upper Egypt (Luxor), I have experienced the transformative power of education and aspire to expand my contributions from local initiatives to global platforms. I am seeking academic and professional opportunities to continue my development in technology, entrepreneurship, and environmental advocacy.

Education Background

High School (Math Section) — *Al-Shorouk Secondary School for Boys*
Sep 2021 – Aug 2024

- Final Score: 94.27%
- Ranked 4th in the school and the Waraaq Educational Administration.

Professional Experience

Freelance Coding & Programming Trainer — *Remote*
July 2024 – Present

- Recently launched the **Code Champs** program, an online summer coding initiative for students in Grades 4–8.
- Deliver engaging and beginner-friendly programming lessons via online platforms.
- Specialize in tools like Scratch and Code.org, helping learners build their first games and projects.
- Design interactive curricula tailored to various learning levels, from complete beginners to intermediate learners.
- Train students from public schools, fostering creativity and problem-solving through code.

Honors and Awards

USAID Scholars Activity Scholarship
 Funded by the United States Agency for International Development (USAID) and managed by AUC.
 Awarded after a competitive selection process through Newton Education Services (Sep 2024).

Amideast Programming and Web Development Micro-Scholarship
 Fully funded program at the STEM Center, sponsored by Boeing. Learned C#, Arduino Uno, HTML, CSS, and JS. Focused on critical thinking and problem-solving. (Nov 2023)

Amideast Entrepreneurship Program
 Fully funded entrepreneurship program. Developed a project using Azolla as biofuel, animal feed, and fertilizer. (Dec 2023)

4th Place in Research Competition — *Luxor Educational Administration* (Mar 2017)

Courses and Trainings
- **Introduction to Cloud Computing** — *Coursera & IBM* | May 2025
- **Delivering Quality Word with Agility** — *Coursera & IBM* | May 2025
- **AI and Machine Learning Foundations** — *Sprints* | May 2025
- **Web Development Fundamentals** — *Sprints* | May 2025
- **Programming with Python** — *Sprints* | May 2025
- **Future Skills Academy Program** — *UNDP & Mohammed Bin Rashid AlMaktoum Knowledge Foundation* | May 2025
- **CS50 Programming Course** — *Harvard University* | 2022
- **Academy of Liberal Arts (ALA) Program** — *American University in Cairo (AUC)* | Fall 2024
- **Fundamentals of C++** — *edX & IBM* | Sep 2023
- **C++ Programming: Essential Techniques and Best Practices for Developers** — *LinkedIn Learning* | Aug 2023
- **Road to College Program** — *American University in Cairo (AUC)* | 2023
- **B1A English Course** — *AUC - School of Continuing Education (SCE)* | 2022
- **STEM Camp** — *Discovery Education* | 2017

Extracurricular Activities

- **AI Data Analytics Bootcamp** — *EYouth Learning* | April 2025
- **IT Virtual Internship Event** — *INJAZ Al-Arab Jordan and PMIEF* | April 2025
- **Global Town Hall Attendee** — *FPCI & Global Citizen* | Sep 2023
   Proposed using AI to identify areas of high carbon emissions during climate discussions. Networked with participants from over 140 countries.
- **Junior Talents Camp** — *German University in Cairo (GUC)* | Aug 2023
   Gained skills in 3D modeling, CAD, and 3D printing. Designed a spinning top model for CNC printing.
- **Team Leader** — *Resala Charity Organization* | Aug 2022 - Present

Technical Skills

- Proficient in Microsoft Office (Word, Excel, PowerPoint)
- Experienced in programming languages: C, C++, C#, and Python
- Front-End Development: HTML, CSS, JavaScript
- Notion Templates Creator
- Beginner in Arduino Uno (Embedded Systems)
- Typing speed: 70 words per minute

Languages

- **Arabic**: Mother tongue
- **English**: Excellent spoken and written proficiency
  (IELTS 6.5, Duolingo 125, University of Arizona 92%, University of Oxford C1)

References available upon request