

Abram A. Ezekiel

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Education

STEM High School for Boys – 6 of October (Grade 10-12)

GPA: 3.5

Cairo, Egypt
July 2024

Capstone projects:

- Building a sustainable ecosystem with an ESP 32 microcontroller for global warming.
- Using TEC to convert extra heat energy into electric energy.
- Develop an advanced water filter for irrigation systems to increase the yield of plants.
- Use Polymeric plastic materials to replace iron in manufacturing beams.

St. Michael's for Nuns Preparatory School (Grade 9)

GPA: 4.0

Fayoum, Egypt
May 2021

Academic Honors & Awards

STEM Egypt Scholarship

Top 1% on the acceptance exams (from 25,000 candidates).

Cairo, Egypt
Aug 2021

NASA Space Apps Cairo 2022

Reaching the finals as one of the best teams in the climate change track.

Cairo, Egypt
Sep 2022

Physics Brawl Online Competition 2022

Obtaining 14th place in all of Africa in our category.

Cairo, Egypt
Nov 2022

Egyptian Beaver Competition in Informatics and Problem-Solving 2023

Obtaining a score of 240 in the competition is considered a high score.

Cairo, Egypt
Mar 2023

IEEE Victoris competition 1.0 & 2.0 in multimedia track 2022 & 2023

Reaching the finals in our track and ranking among the top 10 teams
That advanced in this track.

Mansoura, Egypt
Sep 2022, 2023

Purple Comet 2023

Math National Tournament participating

Cairo, Egypt
Nov 2023

Experience & Leadership

Tunex company internship

smart solutions for audio and embedded systems trainee

Giza, Egypt
Jul 2023

- Learn to develop an audio processing algorithm to efficiently Synchronise multiple audio channels.
- Mastering the capacity of the embedded system while maintaining Cost-effectiveness.

Egyptian Sea Scouts

First Corporal

Fayoum, Egypt
Jul 2018 – Sep 2023

- Organizing scouting events and camps with leaders and managing a team of about 100 scouts and advanced scouts.
- Participation in national concerts, public service projects, blood donation campaigns, and awareness campaigns.
- Obtaining hobby badges and programs for preparing future leaders.

- I was chosen with only two others in the entire governorate to represent it among all the governorates of Egypt in the “Natural Leaders Meeting,” which is represented by about 75 people from all the governorates.

Alex, Egypt
Aug 2021

STEM Mentorship

Video editor

Cairo, Egypt
Jun 2023 – Sep 2023

- Helped almost 1000 9th-grade students by editing educational videos to produce them in the best way.

STEM High School for Boys

Capstone assistant for sophomore students

Cairo, Egypt
Nov 2022 – Jun 2023

- Taking graphic designs for sophomore students’ posters, reviewing them, and informing them of the required comments and modifications; I was solely responsible for four teams in the first stage.

School’s graphic design team

Art director

- Managed the designs of the school’s social media posts and assisted capstone teachers in evaluating the small-grade posters’ designs.

School’s IT team

Vice president

- Assisting with school digital tasks, laptop repair, and IT management for students and teachers.

Athletic club of the school

- Participating as a table tennis player and qualifying for the governorate qualifiers.
- Participating in organising the October Football League.

School music band

- Playing solo as a Ney player in the school band.

Orthodox church

Servant for children

Fayoum, Egypt
Jul 2022

- Primary school children’s service in the church and help them understand religious teachings.

Model United Nations (MUN) & Model African Union (MAU)

Head of graphic and web design committee

Cairo, Egypt
Mar 2023

- Responsibility for the designs of the social media and the new website and supervising the training for the committee members.

Skills & Interests

Technical:	Soft Skills:	Interests:	Language:	Laboratory:
<ul style="list-style-type: none">•Microsoft Word, Excel, PowerPoint, and Outlook.•Video Editing and Voiceover.•Graphic and web design.•JavaScript/Python/HTML Programming.	<ul style="list-style-type: none">•Embedded systems and IOT.•Public speaking.•Tutoring.•Teamwork/ Team Leadership.	<ul style="list-style-type: none">•Playing Ney, Flute recorder, and piano.•Digital Arts.•Playing Basketball and table tennis.	<ul style="list-style-type: none">•English: Full Proficiency.•Arabic: Native Speaker.•German: Limited Working Proficiency.	<ul style="list-style-type: none">•Scientific and academic writing.•Electric circuits.•Chemical reactions calculations.