

SEIF

ABDELHAMID

HIGH SCHOOL STUDENT

A passionate and versatile student at STEM High School for Boys - 6th of October, with a love for technology and creative problem-solving. As a web developer and designer, I thrive on crafting engaging digital experiences that leave a lasting impact. With a keen eye for detail and a drive for excellence, I constantly seek innovative ways to push the boundaries of design and user experience.



My Website



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EDUCATION

STEM High School For Boys - 6th of October (Grade 10-12)

Giza, Egypt

Unweighted-GPA: 3.5

July, 2024

1. Being a part of the Student Union during sophomore and senior year.

2. Capstone Projects:

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

Al Maarefa Governmental Language School (Grade 9)

Giza, Egypt

Unweighted-GPA: 4.0

May, 2020

- Vice-President of the Student Union of Haram Educational Administration.

ACADEMIC HONORS & AWARDS

STEM Egypt Scholarship

Giza, Egypt

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

Aug, 2021

IBB Competition (International Biology Bowl)	Online May, 2022
<ul style="list-style-type: none"> Ranked top 10% internationally in Biology. 	
Purple comet competition	Giza, Egypt May, 2023
<ul style="list-style-type: none"> Ranked top 30% in Math National Tournament. 	
Climate science olympiad	Online May, 2021
<ul style="list-style-type: none"> Ranked top 10% internationally in Enviromental Science. 	
Egyptian Beaver Competition in Informatics and Problem-Solving 2023	Giza, Egypt Mar, 2023
<ul style="list-style-type: none"> Obtaining a score of 240 in the competition is considered a high score. 	
NASA Space Apps Sohag 2022	Sohag, Egypt Sep, 2022
<ul style="list-style-type: none"> Reaching the finals as one of the best teams in the climate change track. 	
IEEE Victoris competition 1.0 & 2.0 in multimedia track 2022 & 2023	Mansoura, Egypt May, 2021
<ul style="list-style-type: none"> Reaching the finals in our track and ranking among the top 10 teams That advanced in this track. 	

EXPERIENCE & LEADERSHIP

TEDxYouth@6OctoberSTEM	Giza, Egypt Dec, 2023
President	
<ul style="list-style-type: none"> Organized an engaging STEM event with diverse speakers, managed logistics, and received positive feedback from the local community. 	
Ocotber STEM Model African Union	Giza, Egypt Jan, 2024
President & Founder	
<ul style="list-style-type: none"> I have led the team organizing an African diplomacy simulation conference, promoting cross-cultural understanding and critical thinking skills. 	
STEM October IT Team	Giza, Egypt Jan, 2021 - NOW
President & Founder	
<ul style="list-style-type: none"> Assisting with school digital tasks, laptop repairs, and IT management for students and teachers. 	
Microsoft, Egypt	Cairo, Egypt Aug, 2023
Internship	
<ul style="list-style-type: none"> Learning IT through practical, hands-on experience. 	

STEM Entrepreneurship center

Cairo, Egypt
May, 2023

Technical Lead

- oversees the technical aspects of a software team by designing decisions, guiding team members in technical matters, and supervising systems.

STEM October Graphic Design Club

Giza, Egypt
Jan, 2021 - NOW

Art Director

- I created school social media posts and assisted capstone teachers in evaluating posters for sophomore student's projects.

STEM October Music Club

Giza, Egypt
Jan, 2021 - NOW

Drummer

- Drummer in school music club shows passion, contributes to community, and fosters personal growth.

Resala STEM

Giza, Egypt
Dec, 2022

Volunteer

- I assist poor people by providing food, building houses, and separating clothes for children.

October STEM Deutsch Klub

Giza, Egypt
Jun, 2021 - NOW

Co-president

- In this activity the goal was set to learn the german language and speak german feluntly. 29 members went later on and got a language certificate.

SKILLS & INTERESTS

Technical	Soft Skills	Interests	Language	Laboratory
MS Office	Leadership	Playing Ney, piano, and drums	English: Upper-Intermediate	Scientific and academic writing
Video Editing, Motion Graphics, Graphic, and web design	Teamwork	Digital Arts	Arabic: Native	Electric circuits
Full-stack Web developing	Problem-solving	Playing soccer	Germany: Upper-Intermediate	Chemical reactions calculations
Machine Learning	Work Ethic	Writing		
Programming	Active listening	Reading		
IT	Open-	Traveling		

	mindedness		
Embedded systems and IOT	Commitment	Photography	


CONTACT


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SOCIALS

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