

Youanes M. Atia

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EDUCATION

High Honors Diploma, *Ghabriya STEM High School*

Sep 2022 — Jul 2025

- STEM Honors Diploma; grade: A (/4.0 Unweighed GPA)

Tanta, Egypt

EXTRACURRICULAR ACTIVITIES

Founder and Instructor, *STEMinates*

Fep 2024 — present

- Founded a YouTube channel dedicated to teaching students Physics and Geology
- Collaborated with 2 teaching assistants; published 15+ videos; finished explaining Earth science curriculum for grade 11 and ch.1 & 2 Physics for grade 12.
- Led a marketing campaign that attracted 150+ followers on YouTube with 2+K views and 33+ watching hours.

Cofounder & Chief of technology, *nGOT*

Jul 2024 - present

- Crafted a 7-week plan to help African students learn more about AI, data structure, and others.
- Tend to organize 10 sessions & 5 AI workshops; the plan is to get 1000 African from 16 country.

President & Lead Instructor, *Gharbiya CS club & Journal*

Oct 2023 - Oct 2024

- Led the school's branch of the nationally recognized CS Club.
- Developed curriculum and led a team of 6+ mentors through training.
- Organized and led weekly sessions and monthly webinars with industry experts designed to simplify CS fundamentals for 40+ students.

Capstone TA & Citation Instructor, *Gharbiya STEM High School*

Oct 2023 — Mar 2024

- Supported a group of five freshmen on their first research-based capstone project, earning an A+; simplified the scientific method and engineering design process (EDP) steps; provided writing instruction and intensive training in the journal exam.
- Reviewed 23 teams with full feedback evaluating their scientific school papers.
- Organized a mock exhibition for freshmen class of 23 team.

Student & Trainee, *CS50 Harvard introduction to computer science*

Jul 2024 - Sep 2024

- Finished 10-week course about computer programming and logical thinking.
- Mastered SQL, Python, JavaScript, C, C++, HTML, and CSS; built 30+ projects in different languages.

Co-president & 1-1 Mentor, *Gharbiya STEM School Academic writing club*

Oct 2022 - present

- Led discussions, information seminars, and writing workshops for 80+students. Gave full mentorship for seniors in building their own personal statements under a collaboration with St. cloud state admissions officers.
- Launched 90-day IELTS challenge, assisting +150 non-English speaking students improve their English fluency.

President & lead instructor, *Gharbiya STEM Math and mechanics Club*

Dec 2022 – Present

- Led a team of 6 mentors; increased participation by 200%.
- Prepared educational presentations and test banks; conducted 10+ nigh sessions to facilitate grades 10&11 math and mechanics curriculums.
- Organized a calculus competition (differentiation bee) that attracted 20+ team with a prize of 1000 EGP.

President & Lead instructor, *Gharbiya STEM Counseling club*

Dec 2022 – present

- Selected from 20+ student to lead the club; led 5 mentors.
- Created a 6-plan for grade 11 students to teach them about programs, competitions, and US admission; led 15 sessions.
- Provided one-to-one mentorship for 10 juniors; approximately doubled the acceptance to prestigious programs.

Junior researcher & exclusive member, *Junior academy of New York academy of science*

Oct 2023 - present

- Selected to do research with 5 international students (~7% acc.).
- Utilized AI in helping deaf children learn in schools; developed marketing plan; discussed it with many schools.

SKILLS

STEM • Research • Academic Writing • Drawing • Digital Art

Soft Skills (*Leadership, Teamwork, Public Speaking, Organizing, Project Management, Problem Solving, Coaching*)

Computer Science (*MS Office, GitHub, Data Analysis, Python, C, C++, Web Development [HTML, CSS, JS]*)

Entrepreneurship (*Investment, Finance, Passive Income, Drop-Servicing*)



WORK EXPERIENCE

Market manager & scout leader, St.Refka Church.

July 2023 – July 2023

- ♦ Led a group of 6 volunteers; worked for 11+ hours daily.
- ♦ Worked on the church market; distributed tasks based on skills; managed supplies and sales; raised 15K+ EGP daily.
- ♦ Improved sales ~50% over the previous year

Web-developer, hobby

Jun 2024 – present

- ♦ Learnt HTML, CSS, JS; built many websites in my free time.
- ♦ Opened my YouTube channel (programming Hub) to teach students about the basics of web-development and how to gain money from learning it.

Long term investor, Thander application.

Oct 2023 – Jun 2024

- ♦ Studied and analyzed the market before investing; collaborated with my friend.
- ♦ Invested some amount of money in construction and food supplies companies; achieved over 90% profits in only 3 months.



AWARDS AND RECOGNITION

Ranked top 1% over ~104,000 students in preparatory leaving examinations of Gharbiya Governorate, Directorate of Education in Gharbiya Government

Jun 2022

Ranked top 2% among 18,000 in STEM Schools Admission Tests, Ministry of Education in Egypt

Sep 2022

Earned a full merit-based scholarship, covering all expenses.

Earned full merit-scholarship to participate in Digital Egypt Cups

May 2023

Initiative level three (AI Course), Ministry of communication and information technology in Egypt

Ranked among top 50 projects out of +300 participating projects in the international competition on smart innovation technologies'2024, IEEE

Mar 2024

Chosen from the best 100 team to participate in NASA Space Apps Cairo, NASA Space Apps Challenge @Cairo Local Hackathon

Oct 2023

Climate Olympiad Semi-Finalist and graded A, Climate Science Olympiad

Seb 2023

Runner participant (top 7%) in the Immerse Education Essay Competition 2022, Immerse Education Essay Contest

Oct 2023

Received a 30% partial scholarship to attend Cambridge University.

Chosen to join LaunchX program (~30 acc) with a 90% partial scholarship (4150\$), TKS (~10% acc.) with 3350\$, and polygence research program with 60% scholarship.

Ranked 2nd all around Africa and 158th place internationally, Physics Brawl

Nov 2023

A Ranked among the top 25% in Online Physics Olympiad competed with undergraduate and experts., Online Physics Olympiad (OPHO)

Seb 2023



SCIENTIFIC PROJECTS

Feedback-controlled solar-harvesting system for sustainable smart house, IOT

Feb 2024 – May 2024

Reviving Wastewater for Sustainable Agriculture, Water filtration & Planting

Oct 2023 – Jan 2024

Harnessing wave energy to generate electricity (Lucid energy turbine), Energy

Feb 2023 – Jun 2023

Underground Pedestrian Tunnel from recycled plastic polymers (PVC, PPT, PET), Infrastructure

Oct 2022 – Jan 2023