Mohanad Abdelhamed Zenhom Elagan
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EDUCATION

STEM High School for Boys
STEM Honors Diploma, GPA: (3.7/4.0), Duolingo: (130/160)   08/2023
Honors
1st Place, Gold Medalist, & International Finalist in Egyptian Kangaroo Mathematics Competition (2021 & 2020), International Finalist in Immerse Essay Competition (2021), Global Finalist in Earth Observational Hackathon (2021), Top 1.2% in STEM School Admissions Test nationwide 18,000+ Participants (2020)

EXPERIENCE

Youth Science Journal
Vice-president   03/2022 – Present

- First Egyptian Journal for youth; redesigned & managed the journal's website; exposed 90+ students (seniors, juniors, & international) to research; supervised 10+ lectures of 3 hours; partnered with IYNA October's chapter

- Collaborated & oversaw 70+ papers in 15+ fields with 5+ professors from top Egyptian & international universities

Junior Researcher   08/2021 – 02/2022

- Co-wrote a research paper entitled "Cardiovascular Impacts with Astronauts on Mars" (honored second-place)

Hack Club @ STEM Egypt
President   11/2021 – Present

- First Hack Club organization in Egypt; coded the club's website; designed a 185-hour computer science curriculum with 4 workshops on 6 fields, leading to a club portfolio of 30 projects
- Delivered 14, 2 hours, lectures on Cybersecurity; launched Competitive Programming & Projects hackathons

Assistant   08/2021 – 11/2021

- Graded students' tasks in Python & prepared a weekly file for the club's performance

Closing the Divide
Executive Director of African Operations, Egypt's Branch President   11/2021 – Present

- Pioneered 35 representatives & 5 other African directors & 3 events; repaired 20+ e-devices & donated to children in low-income neighborhoods & schools; built a computer lab with the Resala charity organization

STEM High School for Boys
English & Social Studies Teacher Assistant, FIT Instructor, School Organizer   10/2020 – Present

- Delivered 22 4-hour long lectures for the Goethe German exam (FIT); monitored test samples of 20+ students
- Organized Social Studies files; supervised presentation & deadlines; created English revisions for final exams
- Co-organized Juniors' final capstone project exhibition (155+ students); managed & updated the school's website

El-Banna Store
Computer Engineer Assistant   02/2020 – 07/2022

- Worked on troubleshooting 40+ tech devices; built data analytics for the collection activity

Arabian Beatbox Community
Co-founder & Judge   03/2018 – 09/2020

- Founded the largest Arab beatbox online gathering (4500+ members); produced 13 pieces of music; judged 40+ online beatbox battles

STUDENT ORGANIZATIONS

IEEE Helwan University Branch
IT & Web Development Volunteer   09/2021 – 07/2022

- First high school inclusion in IEEE in Egypt; Instructed 5, 3 hours, lectures & a group of 25 students to start in the web development field; won 1st place at "Texos" competition (2021)

X-Culture Academy
Participant   09/2021 – 11/2021

- Performed research with 6 international students & professors to develop a business proposal (honored top 5%)

SKILLS

Languages: Arabic (Native speaker), English (Proficient), German & French (Intermediate)
Computer: Adobe Creative Suite; Linux; IT; C/C++; Python; JavaScript; Dart; LaTeX; PHP; Java; Ruby; SQL; Sketchup
Soft Skills: Leadership & communication; creative writing; marketing; music production; graphic design & media