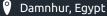# Mohamed Elharery
## High School Student

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## EDUCATION

### High School Diploma
Alexandria STEM School

*10/2020 - 08/2023*                    *GPA: 3.8*

## WORK EXPERIENCE

### Founder/Chairman
Yes, we are together.

*12/2018 - 06/2020*
*Achievements/Tasks*
- Managing Web Coding Challenge.
- orgnising The Best English Poetry Challenge.
- Supervising the Best English Presenter Challenge.

### Founder/Chairman
STEM Alex TECH Club

*11/2020 - 04/2021*
*Achievements/Tasks*
- Orientation to know how to start in Computer Science Basis.
- Live Workshop how to start in AI and Competitive Programming.
- Increasing the diversity of programmers to include more 20% of the school's diversity.

### Computer Science Department Head
Alexandria STEM School

*11/2021 - Present*
*Achievements/Tasks*
- Baver Competition for Egyptian Olympiad qualification in CP.
- Building the official school website.
- A tour to Nile University for capstone project's consultant, which meets 35% of student's need for consultation.

### Founder/Chairman
Quantum X

*07/2022 - Present*
*Achievements/Tasks*
- Live Internship at the Arab Academy of Science and Technology and Egyptian Japanse University.
- Make diversity of Quantum computing programmers about 10% of faculties students.
- Online Training and Consultation Service by Facebook Page.

## SKILLS

Adobe XD   UI Designing   Web Development   Quantum Computing   Leadership   Networking   Communication   Mentorship   Robotics   AI

## PERSONAL PROJECTS

**Heat Resistor**
- Detection the fabric modification with Nano-silica to increase fabric heat durability about 150% by Arduino Feedback Control mechanism.

**Quantum Compression**
- Increasing the Data processing in Quantum computer by decreasing the number of layers about 69%.

**STEM Alexandria Website.**
- Designing the UI for STEM Alexandria official website and supervise the coding process to help the society to know more about this top-noteced school.

**Intelligent Water**
- Water Desalination system, which is an alternative to usual water stations to reduce the cost about more than 200% in water treatment process.

## CERTIFICATES

**Quantum Excellence**
*Accomplishing all Qiskit Summer School challenges in various topics like quantum circuits, noise, and simulation.*

**IYMC's Bronze Honour**
*Top 20% of IYMC participants in the final stage, who were tested in various topics in mathematics like number theory, algebra, geometry,etc.*

**Immerse Education Full Scholarship**
*Creative Writing Competition by Oxford, Cambridge, Imperial college of London to learn about the topic of your essay.*

**QBronze by QWorld**
*Chosen in Q511 Course by Qworld with diverse society to learn about quantum computing with acceptance rate < 10%.*

## LANGUAGES

**Arabic**
*Native or Bilingual Proficiency*

**English**
*Full Professional Proficiency*

**German**
*Elementary Proficiency*