



# Mohammad Emad Abdulghani

A High school student having the motivation to get deep in Technology fields software and hardware



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## LANGUAGES

Arabic

Native Proficiency

German

Limited Working Proficiency

English

French

Full Professional  
Proficiency

Elementary Proficiency

## SKILLS

Problem Solving

leadership

Web Development

cooperative

Electric circuit designing

Mobile app

Analytic thinking

Desktop app development

## INTERESTS

Coding

Electro physics

Informatics

AI

Electronic engineering

Robotics

Graphic Design

## TEAM PROJECT

### Rainwater System

- Collecting wasted Rainwater.

### AquaTech

- A smart water filtration system.

### Green-Hesive

- A Smart project that generates glue.

### Let's Elect

- An online election app.

### Smart AWG

- Smart Atmospheric water generator system.



## ACADEMIC BACKGROUND

**High School :** STEM High School for Boys - 6th of October

**GPA :** 3.7 unweighted

**Duolingo score :** 120



## EXTRA CIRCULAR ACTIVITIES

- ❖ **Mentor Volunteer** - STEM October Hack Club
- ❖ **Part-Time job** - SEIKO Egyptian Agency
- ❖ **Head IT Committee** - Model Arab League Sharkya STEM
- ❖ **Vice Head IT Committee** - TEDxYouth Maadi STEM
- ❖ **Vice Head IT Committee** - Model United Nations Maadi STEM
- ❖ **Mentor Volunteer** - STEM October Deutsch Club
- ❖ **Organizer Volunteer** - African Forum for Innovation and Technology
- ❖ **Athletics Club** - Judo player



## CERTIFICATES AND HONORS

- ❖ **Micromouse**  
3<sup>rd</sup> Place Medal Nationally
- ❖ **International Science and Engineering Fair (ISEF)**  
National Finalist
- ❖ **International Informatics Olympiad in Teams (IIOT)**  
Top 10% among 250+ Teams Internationally
- ❖ **Egyptian Collegiate Programming Contest (ECPC)**  
Top 10% among 175+ Teams Nationally
- ❖ **Egyptian Future Programmers Contest (EFPC)**  
20<sup>th</sup> Place among 50+ Teams Nationally
- ❖ **Nile University Junior Research Competition**  
Top 17% among 680+ Teams Nationally
- ❖ **STEM School Admission**  
Top 1st percentile out of 18k students
- ❖ **Young Water Inventor**  
Semi National Finalist