

Omer Elboray

Mechatronics Engineer

Personal details

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♂ male

🇪🇬 Egypton

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Skills

Machine designing ●●●●●

robotic simulation ●●●●●

Engineering science
technology ●●●●●

mechanical
assembling ●●●●●

Electronics ●●●●●

mathematical skills ●●●●●

Simulink & Matlab ●●●●●

production
processing ●●●●●

programming ●●●●●

Languages

English ●●●●●

Profile

- An aspiring Mechatronics who is originally from Alexandria, Egypt. Graduated from high school With 3.48 GPA. worked with Robotics and machines designing from middle school. currently I am studying University of Debrecen in Hungary and taking an exchange semester in Germany at leuphana University. well developed Engineer with experience in Robotics, machine designing, programming ,electronics and production processing. My goal is to get a head start on my professional career while i am pursuing my academic degree.

Education

B. Eng. in Mechatronics

Sep 2021 - Present

University of Debrecen, Debrecen, Hungary

2nd year in Mechatronics program

American diploma highschool

Sep 2018 - May 2021

Taymour American School, Alexandria, Egypt

curriculum focusing on scientific subjects like Physics I&II and Chemistry and other Scientifics subjects.

Certificates

RoboCupJunior Robotics and designing certificate

Aug 2017

Given by Notions Egypt and Information Technology Institute(ITI), one of the biggest robotics educational organizations in Egypt, with highly positive feedback

Courses

Excel

Sep 2021

- Excel functions, including SUM, AVERAGE, MIN, MAX, COUNT, and IF.
- Ability to use conditional formatting to automatically format cells.
- Knowledge of keyboard shortcuts to make work more efficient.

Python

Sep 2021

Python programming language, design thinking, hardware & software prototyping.

Arduino

Feb 2018

- Electricity
- circuits and schematics
- Arduino IDE

Arabic

Hungarian

German

French

Hobbies

- Reading books
- Design
- Sketching
- Swimming
- Playing Guitar
- Traveling
- Online gaming

Qualities

- Leadership
- responsible
- persistent
- Problem-solving
- Collaboration talent
- Communication skills
- Self motivated
- hard working
- research skills
- management skills

- Arduino boards
- Frequency and duty cycle
- Electronic components
- Programming syntax and semantics
- Programming logic

Robotics

Mar 2017

educational course about robot development, pc board designing and producing circuits on it, robot programming, robotics simulations and sensors

Extracurricular activities

professional Discus thrower

Sep 2018 - Present

Smouha sporting Club, Alexandria, Egypt

Student Council

Sep 2018 - May 2021

Taymour Amercian school, Alexandria, Egypt

Volunteering jobs

Feb 2016 - May 2021

Smouha club, Alexandria, Egypt

- Library volunteer. organized +1000 book and printed +2000 sheets helping other students in my school
- Animal shelter volunteer. Collaborated with more than 20 people rescues to save the lives of 800+ dogs and cats.

professional swimmer

Mar 2005 - Nov 2019

Smouha sporting club, Alexandria, Egypt