

Omer Elboray

Mechatronics Engineer

Personal details

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🏠 4028 Debrecen, Hungary

♂ Male

🇪🇬 Egyptian

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Skills

Machine designing ●●●●●

Robotic simulation ●●●●●

Engineering science
technology ●●●●●

Mechanical
assembling ●●●●●

Computer Skills ●●●●●

Microsoft Office ●●●●●

Electronics ●●●●●

Mathematical skills ●●●●●

Simulink & Matlab ●●●●●

Production
processing ●●●●●

Programming ●●●●●

Profile

- An aspiring Mechatronics who is originally from Alexandria, Egypt. Graduated from high school with 3.48 GPA. worked in robotics and machine design from middle school. Currently studying at University of Debrecen in Hungary and taking an exchange summer 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 student at University of Debrecen in Mechatronics program

American Diploma Highschool

Sep 2018 - May 2021

Taymour American School, Alexandria, Egypt

Curriculum focusing on scientific subjects like Physics I& II, Chemistry 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

Languages

English	● ● ● ● ●
Arabic	● ● ● ● ●
Hungarian	● ● ● ● ●
German	● ● ● ● ●
French	● ● ● ● ●

Hobbies

- Reading books
- Running
- 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 IDE
- Arduino boards
- Frequency and duty cycle
- Electronic components
- Programming syntax and semantics
- Programming logic

Robotics

Mar 2017

- Educational course about robot development
- Pcp 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 Sporting 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 rescuing the lives of 800+ dogs and cats.

Professional Swimmer

Mar 2005 - Nov 2019

Smouha sporting club, Alexandria, Egypt