



Omer Elboray

Mechatronics Engineer

Profile

An aspiring Mechatronics Dedicated and experienced with extensive knowledge of engineering principles, theories, specifications, and standards. Bringing leadership, drive, and over five years of experience to the table. Proven track record of finishing complex projects ahead of schedule. Substantial experience in analyzing problems and offering mechanical devices that help to alleviate them. Adept in overseeing the manufacturing process of devices, and working with other professionals to ensure that projects are successfully completed.

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.

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 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
- Robot programming
- Robotics simulations and sensors

Hobbies

- Reading books
- Swimming
- Playing Guitar
- Traveling

Personal details

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Skills

Machine designing	● ● ● ● ●
Robotic simulation	● ● ● ● ●
Engineering science technology	● ● ● ● ●
Mechanical assembling	● ● ● ● ●
Microsoft Office	● ● ● ● ●
Electronics	● ● ● ● ●
Simulink & Matlab	● ● ● ● ●
Mathematical skills	● ● ● ● ●
Production processing	● ● ● ● ●
Programming	● ● ● ● ●

Languages

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