

Holds a B. Sc. in Mechatronics Engineering and is looking to gain experience in his field of education.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Cairo

EDUCATION

- : B. Sc. in Mechatronics Engineering, Arab Academy for Science, Technology and Maritime Transport (AASTMT), 2020
- : Secondary Education: Egyptian British International Schools, 2015

LANGUAGES

Arabic : Native Language
English : Very Good
German : Fair

COMPUTER SKILLS

- : Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Intern in Automation Engineering, B&G Company, Giza (Jul. 2019): advanced solutions for maintaining machines at best shape.
- : Robotics Intern in Robotcraft Program, Ingeniarius Ltd (Robotics Field Research Company), Coimbra - Portugal (Jul./Aug. 2018).
- : Intern in Mechanical Engineering, Barakat Wagen Company, Cairo (Jun. 2017): Specialized BMW vehicles maintenance.
- : Introduction to IoT (03/2020), Certified by Stamford University.
- : UWRC (10/2020), Underwater robotics challenge certificate of participation.

Skills:

- Matlab
- Arduino
- CAD
- IoT
- Embedded Systems
- ROS

- Gazebo
- RViz
- C/C++
- Python
- Linux
- MoveIt
- Tinkercad

Projects during education:

- SLAM Mapping Robot (Graduation Project) (2019 - 2020) - simultaneous localizing and mapping robot.
- ROV (03/2020) - remotely operated vehicle.
- Shape Sorting Machine (12/2019) Automated.
- Stamping Machine (05/2019).
- Self-Balancing Robot (05/2019).
- Simulation of Wall-Follower Robot (12/2018).
- Maze Solver Robot (08/2018).
- Sumo Robot (08/2018).
- Manual Bevel Gear (05/2018).
- Manual Power Screw Press (12/2017).