

Mechatronics Engineer

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Objective

Python Programming Language enthusiast, interested in the Mechatronics Engineering, development, production and operation of energy efficient power systems. Seeking for an entry level job in which I can contribute to achieve company goals.

Work Experience

FRONT-END WEB DEVELOPER – Seasons Marketing Agency – Nasr City, Cairo - Jan 2020 – present

- Developed and launched Seasons' website using HTML, CSS, and JavaScript
- Developed and launched Abnaa Sinai's website using HTML, CSS, and JavaScript
- Designed and developed Weqaya's website using HTML, CSS and JavaScript

Education

BACHELORS DEGREE IN MECHANICAL ENGINEERING – Arab Academy for Science and Technology - Cairo -2015-2020

- Major: Mechatronics
 - Graduation Project: Autonomously Operated Underwater Vehicle
- GPA: Excellent with Honors
Grade: Excellent

IGCSE – The British School Al Rehab - Cairo -2002-2014

Internships

AUTOMOTIVE ENGINEER – Audi AG - Cairo -2016

- Assembled and disassembled different automotive parts
- Handled team of technicians
- Learned car maintenance

ELECTRICAL ENGINEER – Tiba Solar Factory - Cairo -2017

- Learned the PV technology
- Assembled 275 W solar panel
- Learned and designed off-grid system

Projects

- PICK AND PLACE ROBOT (AUTOMATICALLY OPERATED)
- LINE FOLLOWER ROBOT
- SMART HOME
- MECHANICAL PUNCHING MACHINE
- REMOTELY OPERATED UNDERWATER VEHICLE
- PARTICIPATED IN THE MATE COMPETITION

Courses

- INTRODUCTION TO IOT – STANFORD UNIVERSITY
- INTERFACING WITH ARDUINO – COURSERA
- CONTROL OF MOBILE ROBOTS – COURSERA
- SENSORS AND CIRCUIT DESIGN – COURSERA
- WEB DEVELOPMENT DIPLOMA – RUSSIAN CULTURAL CENTER
- REACT JS – MAHARA TECH
- PYTHON – UDEMY
- INTRODUCTION TO SOFTWARE TESTING TECHNIQUES – MAHARA TECH

Skills

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|---------------------|-------------------------|
| - MATLAB | - REACT JS |
| - LABVIEW | - PHP |
| - AUTOCAD | - SQL |
| - AUTODESK INVENTOR | - GIT |
| - C/C++/C# | - MATHEMATICAL THINKING |
| - PYTHON | - PROBLEM SOLVING |
| - JAVASCRIPT | - TEAM WORKER |
| - HTML / CSS | - CRITICAL THINKING |
| - BOOTSTRAP | |

Languages

ARABIC – MOTHER TONGUE
ENGLISH – PROFICIENT
GERMAN – BEGINNER