AHMED MOUSTAFA

SOFTWARE ENGINEER

CONTACT

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Hackerrank

Github

Linkedin

Coursera

TECHNICAL KNOWLEDGE

- Html, Js, Css, Bootstrap.
- React.
- Unit and Integration Testing.
- C++, Python, C, C# and JAVA.
- Object Oriented Programming.
- Data structure and Algorithms.

EXTRACURRICULAR ACTIVITIES

- Global Citizen @ AIESEC India.
- Finance & Legalities @ AIESEC Egypt.
- AC Vice Head @ Catalysis.
- HR Member @ Catalysis.
- PR Member @ APEC.
- Choreographer @ Arabesque.

EDUCATION

BACHELOR OF COMPUTER ENGINEERING
UNIVERSITY OF AIN SHAMS | 2015 - 2019
GRADE 73.6 (GOOD).

Graduation Project
OpenSource AUTOSAR COM stack for CAN protocol ASUSAR:
- AUTOSAR Studio Tool.
- CAN stack (COM, PDUR, CanTp, CanIf, CanDrv).
- CAN Stack Configuration Tool.
- OSEK OS based on FreeRTOS.
- RTE

EXPERIENCE

EMBEDDED SOFTWARE ENGINEER
SPRINTS | NOV 2019 - FEB 2020
- Project based automotive embedded software training.

TEACHING ASSISTANT
FACULTY OF ENGINEERING AIN SHAMS UNI. | FALL 2019
- Helped in teaching embedded networking course.

UNITY3D DEVELOPER
4DEVE | SEP 2018 - NOV 2018
- Worked on development of "WAHATY" game, Available on app store/google play.

IOT TRAINEE
DELL EMC | JAN 2019
- Gained knowledge about connected cars and hadoop.

CUSTOMER CARE AGENT.
VODAFONE UK | JUN 2018

PROJECTS

- Confusion Pizza Restaurant (React).
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- RoboFriends (React).
- Obstacle Avoidance Car (Atmega32).
- Vehicle State Estimator (Atmega32).
- Real Time Heat Detector (Atmega32,FreeRTOS).
- Real Time Chat (Atmega32, FreeRTOS).
- Basic Com Module (Atmega32).
- Time Management Unit (Atmega32).
- Small OS (Atmega32).
- AUTOSAR DIO Module (TivaC).
- ATM Payment System (C).
- Arabic Handwrite Recognizer (OpenCV & Deep Learning)
- WAHATY Game (Unity).
- Banking System (JAVA, Sockets, Server-Client).
- Connect4 (Python & AI "Minmax Algorithm').