



Omar Ismail Mohamed

Misr International University

"Eager to obtain a Software junior position."

Personal Info.

2016–present **senior year**, *Faculty of Computers and Information Science.*
University **Misr International University.**

SW Engineering Skills and Knowledge

Basics of Embedded Systems
Object Oriented Programming
Data Structure
Problem Solving
Software Engineering
Networks and Data Communication
Algorithms
Operating Systems
Digital Logic
Image Processing
Data Base Management Systems
Web Development
Graphics

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Programming Skills

Python Very Good
C++ Very Good
Java Very Good
HTML-PHP Very Good
C Good
Assembly Good
Android Good
Oracle SQL Good

Projects

Programming X-O Game
Data Structure Location Sharing Application
Data Structure Huffman Code
Image Programming Ear Detection
Graphics Solar System
Graphics Car Game
Web Development Nursery Website
Software Engineering Web Application for Egyptian Red Crescent Club
Computer Cache Simulation
Architecture
Object Oriented Hotel Management Reservation System
Programming

Internship

Valeo, CDV, Validation Team **Practical Knowledge:**
Basics of HIL testing, Diagnostics testing, Functional testing
Basics of automotive communication buses: CAN, Flexray, Ethernet

Qcentris, Development Team **Practical Knowledge:**
Basics of back end web development.
Project management

Activities

IEEE club, Car Racing
Practical Knowledge:
Using Arduino board
Basics of electronics Circuit

Self-Study and Practice

Embedded Systems Track
Basics of embedded C.
Basics of micro controller and microp rocessor.
Peripheral interfacing with PIC micro controller using embedded kit.
Testing Basics of ISTQB foundation level.

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