

Mohamed Ali Mohamed

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Ali

Software Engineer looking forward to learning new things, gaining experience and contributing to the company growth.

- Software Engineer at [Rosenfield Health](#)
 - Software Engineer at [QUTIP](#)
 - Software Engineer Internship at [QUTIP](#)
- Training Committee Member at [ACMASCIS Student Chapter](#)

AIN Shams University

Faculty of Computer and Information Science.

Bachelor of Computer Science — 2014-2019 (General Grade: Very Good).

Front-End Web Developer NANODEGREE in [UDACITY](#).

- **Programming Languages:**
 - C\C++, C#
 - Html , CSS
 - Java script
 - JQUERY
 - SQL Server
 - Asp.net (MVC)
 - Assembly
 - AVR Microcontroller (Assembly , C)
 - Python •
- **Concepts:**
 - Data Structure
 - Algorithms
 - Discrete Math
 - OOP
 - Operating System
 - Logic Design
 - Artificial Intelligence
 - Computer Architecture
 - Machine Learning
 - Embedded && RTOS
 - Parallel Architecture
- **Competitive Programming**

Objective			<ul style="list-style-type: none"> 7th in AINSHAMS Collegiate Programming Contest (AINSHAMSCPC) 2017/2018.
Experience			
Education	<ul style="list-style-type: none"> 16th in Egyptian Programming Contest (ECPC) 67th in Arab Collegiate Programming Contest (ACPC) 	Projects	Collegiate 2017/2018.
Courses	<ul style="list-style-type: none"> Pac-Man Game “Team Apply Structure programming and algorithms. 		2017/2018.
Skills	<ul style="list-style-type: none"> Chess Game “Team Project” Apply Principles OOP and some Principles in Design patterns in c#. Image Processing “Team Project” Apply various algorithms (minimum spanning tree (KRUSKAL)). 		Project” some
Achievements	<ul style="list-style-type: none"> sensor temperature “Team Project” AVR Microcontroller and Embedded Systems. Autonomous Car “Team Project” Can Protocol (communication between (master-slave)), RTOS, Sensors, (Each MCU Execute Some functions and schedule functions by RTOS and Communicate Other by Can Protocol). Automated Colorization of GREYSCALE Images “GP” (Using Deep Learning), Adding realistic colors to the GREYSCALE images using automatic colorizing system. 		