# Omar Hesham Abdellatif

Address: Elharam, Giza, Egypt 12574

(+20)1098764353 ⋄ omar_abdellatif97@hotmail.com

## EDUCATION

**Cairo University, Faculty of Engineering**  *september 2014 - june 2019*
Bachelor of Science in Computer Engineering.  Overall Percentage: 80%

## WORK EXPERIENCE

**Worex Technology**  october 2019 - Now
*Systems Engineer*

· Understand Customer needs and Gather Customer Requirements then mapping the needs to ITSM solutions.
· Implementation, integration, customization and support of service management, monitoring, automation tools from BMC, Ivanti, Cisco, Microfocus, etc.
· Integrate ITSM solutions with customers current systems if needed to maximize the value to customers.
· Test and evaluate ITSM solutions within enterprise organizations.

## GRADUATION PROJECT

The project is based on hand gestures recognition using deep learning and image processing techniques to be used in Human-computer interaction.

## PROJECTS

· Online multiplier game using **Node.js**, **Socket.IO** and **P5.js**.
· Simple search Engine in **JAVA**.
· Logic design simulator in **C++**.
· Scrabble game solver using Artificial Intelligence techniques in **C++**.
· Robotic arm playing chess using **Arduino** and visual **C++**.
· Handwriting identification in **PYTHON**.
· Discrete Convolution Neural Network Accelerator in **VHDL**.
· Pipelined processor in **VHDL**.

## INTERNSHIP

102 hours in Embedded Systems and PCB Design held at Cairo University by Information Technology Institute (ITI).

## TECHNICAL SKILLS

- C++
- Java
- Python
- Pytorch
- VHDL
- MySQL
- Node.js
- Socket.IO
- Git
- Machine Learning

## PERSONAL INFORMATION

Nationality: Egyptian
Languages: Arabic (Native), English (Proficient)
Professional swimmer at Cairo Sporting Club.