



Karim Alaa El-Din Mohamed Rashad

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Education

Faculty: Faculty of computers and information – Helwan University

Position: graduated

Department: Computer Science

GPA: 3.13 (Very Good)

Start-Year: 2013, **End-Year:** 2017

Personal Data

Birth of date: 29/10/1995

Social status: Single

Religion: Muslim

Graduation Project

- **Anti-Cheat:** A ubiquitous environment to fight exam cheating.
- **Brief :** detect student who cheat in exam room, also can change training data and apply it on any abnormal behavior detection in ubiquitous environment.
- **Components :** major server (cloud application), minor server (desktop application), cheating alarm (android application), control group (web application).
- **Languages used :** C++, python (tensorflow), java (android), asp, javascript.
- **Tools and Technologies :** Firebase (cloud database), Tensorflow, ML Algorithms
- **Funded by ASRT (14,500 L.E) and itida (10,000 L.E).**
- **Finalization of MIE and EMC.**
- **Grade : A+ (99%)**

Technical Skills

Programming Languages

- Java(SE, EE, Android)
- Php
- C++, C#

- Python
- Basics of NodeJs

Areas of Expertise

■ Frameworks

- Laravel Framework

■ Databases

- MySQL and SQL Server
- Firebase

■ Design

- HTML5, CSS3 and Basics of (JavaScript & JQuery)
- Bootstrap3

■ Delivery Methodologies

- Agile
- Waterfall

■ Graphics and Game Engines

- Basics of Unity (2d-3d)

■ Computer Vision and Image Processing

- Basics of (Matlab and OpenCV)

■ Artificial Intelligence

- Concepts of natural language understanding
- NLU Tools (recast.ai, dialogflow.ai and rasa.ai [rasa NLU and rasa Core])

■ Others

- OOP, API
- Design Patterns, Algorithms and Data Structure

Experience

Web & Android developer as a freelancer

(From: 2016, To: Present)

- a. Web application for a Saudi organization system (php, laravel, mysql)
- b. Three Web applications for show announcements for educational courses and show demos videos with completed control panel

(php,laravel,mysql) (masterkeydent.com) (nartg.com)

(mdsegypt.com)

- c. Clinic as service-web application- (php,laravel,android)
- d. doContact – android app that help deaf and dumb to contact with other people, with completed control panel and cloud database (firebase, java)

Software Engineer at adam.ai

(From: 7/2017, To: 12/2017)

Projects

- Clinic Management System (Native Php,Ajax)
- Sa3t Kora (java, android)
- E-commerce (ASP,codeFirst(Entity Framework))
- Akinator Game Simulation (Prolog)
- Yugi Yo Game Simulation (C#,OpenCv)
- Images Difference Game (C#,OpenCv)
- Diamond Collector 2D Game(Java)
- Scanner and Parser -PLY- Lex and Yacc-Simple Compiler (python)
- (2D, 3D) Simple Games (Unity)
- Control Group Management surveillance System (C#)
- Chess Game (Haskell,Glade,GTK)
- movies Recommender cahbot (API.ai, NodeJS)

Languages

Arabic: Native language

English: Very Good (Read-Write-Speak)