Khaled Awap Software Engineer

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- ♀ Alexandria, Egypt



FORMATION

2019 B.S.c in Computer and Communications Engineering

> Faculty of Engineering, Alexandria University - GPA: 3.1

PROFESSIONAL EXPERIENCES

Current August 2019

Software Developer | eSpace, ALEXANDRIA-Egypt

- > Develop web apps including APIs in integration with third parties app.
- > Design and update software database.

Ruby on Rails | PostgresQL | Jenkins |

March 2019 February 2019

Unity3D Developer | Source Code, ALEXANDRIA-Egypt

> Integrating AR apps into Android Native apps.

Unity3D Vuforia ARCore Augemnted Reality VR

TECHNICAL SKILLS

C, Python, (C#), Java, JavaScript, CSS, PHP **Programming Languages**

Frameworks Rails, NodeJS, Laravel, Bootstrap, Keras Development tools Visual Studio Code, Unity3D, VS, Atom, git

> **Databases** MySQL, PostgreSQL

PROJETS AND PUBLICATIONS

[Paper] Building your kingdom: Imitation Learning for a Custom Gameplay

IEMCON 2019 - 17 OCTOBER 2019

DOI: 10.1109/IEMCON.2019.8936134

Building a personalised gaming experience with a reinforcement learning brain on the top of Imitation Learning Brain

ML Imitation Learning Reinforcement Learning

COLDPLAY AR WORLD JAN 2019 - FFB 2019

National Representation (Coldplay-AR-Video-Experience) khaledbnmohamed/Coldplay-AR-Video-Experience

More details

AR based on Vuforia Unity app shows music videos for coldplay. using "on-cloud" videos and local storage.

Unity3D | ARCore | Vuforia | Augmented Reality

MEMES MESSENGER CHATBOT

JAN 2019 - CURRENT

• khaledbnmohamed/MyVirtualBuddy-Chatbot Live app FB messenger Facebook Messenger chatbot that uses Imgur API and sends you your daily dose of memes

NodeJS | NLP | APIs | DialogFlow | Heroku | PostgresSQL

X-Ray Examination (MURA challenge)

JAN. 2019 - MARCH 2019

A karimamd/Bone-Abnormality-Classifier-in-Keras

Using Stanford's MURA dataset to detect abnormalities in X-Ray scans of 7 different joints implemented in Keras

Python3 Keras Keras Functional APIs Computer Vision Colab



EXTRA-CURRICULAR EXPERIENCES

2016 Facilitator | EYouth "Social entrepreneurship organization", EGYPT

> EYouth organize annual competition for ideas and regular camps in different governates across Egypt.

2016 Mechanical Team member | "Let's Make a Robot" competition, ALEXANDRIA UNIVERSITY

> Designing a light weight, small size rescue robot, making sure it fits the competition standards.

2014 Trainer | Shift network (Euro-Arab youth Initiative), ALEXANDRIA

> Gave several sessions within projects related to culture diversity, youth empowerment.