## Khaled **Awad** Software Engineer

**1** +2 01064620618

@ khaledbnmohamed@hotmail.com

♀ Alexandria, Egypt

**☑** Website

# EDUCATION

#### 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 high end web apps used by hundreds of thousands in integration with third parties service.

> Develop projects using backend Rails and Frontend ReactJS.

> Design and update software database.

Ruby on Rails | ReactJS | Hooks | Rspec | react-testing-library | PostgresQL | Jenkins | RSpec | Jest | TDD |

## TECHNICAL SKILLS

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

Frameworks Rails, ReactJS NodeJS, Laravel, Bootstrap, Keras Development tools Jenkins, Jira, Sentry, Unity 3D, VSCode, Atom, git

**Databases** MySQL, PostgreSQL

### Publications

### [ACADEMIC RESEARCH] HADITH VERIFICATION BLOCKCHAIN

JAN. 2019 - MARCH 2019

khaledbnmohamed/hadith-blockchains.

Build a Hyperledger Fabric blockchain that stores unique versions of Prophet Mohamed PBUP in a private distrubted ledger

Blockchain Hyperledger Fabric NodeJS

### [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

## PROJETS

#### X-Ray Examination (MURA challenge)

JAN. 2019 - MARCH 2019

Arimamd/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

#### MEMES MESSENGER CHATBOT

JAN 2019 - CURRENT

 khaledbnmohamed/YourVirtualBuddyChatbot 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

#### JAN 2019 - FEB 2019 COLDPLAY AR WORLD

☑ More details khaledbnmohamed/Coldplay-AR-Video-Experience

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

Unity3D | ARCore | Vuforia | Augmented Reality

# 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.