# ANWAR ABOUELENIEN *STUDENT*

Education

## EDUCATION

Alexandria University, Alexandria | Graduating 2022
B.Sc. Computers & Communications
Engineering

## PROJECTS

### CHATBOT

Implemented a simple chatbot using an Attention
model and the DailyDialog dataset

### POETRY GENERATOR

Implemented a Seq2Seq model that learns
Arabic poems using the Arabic Poetry dataset

### QUESTION ANSWERING

Implemented Memory Networks for question
answering using the bAbI dataset

### WORD EMBEDDINGS

Generated English word embeddings using
several algorithms : word2vec,GloVe and PMI
from Wikipedia articles

### TRANSLATOR

Implemented an English to Arabic Translator
using Attention and Seq2Seq

### SENTIMENT ANALYSIS

Implemented a Sentiment Analyser using
Recursive Neural Networks

### POETRY CLASSIFICATION

Used Hidden Markov Models to classify poems
based on their authors

## MUSCULOSKELETAL X-RAY ANOMALY DETECTION

Used VGG/Inception to detect abnormalities in X
ray images from MURA/MRNET datasets

### ATARI

Used A3C & Deep Q-Learning to train a reinforcement
learning agents that plays atari games

### Recommender Systems

Used RBMs, Matrix Factorisation + Spark to build a
recommender system for MovieLens dataset

## SKILLS

**PROFICIENT** : Python(Tensorflow, PyTorch, numpy,
scikit-learn, pandas, opencv,...) - Java  - C/C++

**BASIC** :  MapReduce, HDFS, Spark, Flink, Hive, HBase,
MongoDB, Cassandra, Kafka

## CODE
GitHub - notebooks

## CONTACT
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