Ahmed Muhammad Sayed

Computer Science Student at Assiut University — Egypt

Address : Cairo - Egypt | Tel : +20 1003524082 | Email : ahmedsmara33@gmail.com | LinkedIn | GitHub | Kaggle

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EDUCATION

Computers and Information, Assiut University — Bachelor's degree   Undergraduate (Aug 2016 –Aug 2020)

WORK EXPERIENCE

- Intern Data Scientist at Wakeb — Egypt   (Jan 2020– Mar 2020)
  - Learned and deployed machine learning models and algorithms.
  - Worked on chat-bots and the dialects in Arabic language.
  - Implemented sentiment analysis model on Arabic sentences.
  - Analysis of the content of social networks into negative and positive impressions.

- Intern Data Scientist at iNetworks — Egypt   (Jan 2020– Mar 2020)
  - Learned and deployed machine learning models and algorithms.
  - Implemented text classification model, recognition system and Sentiment analysis model in English sentences.

- Remotely Data Scientist – NLP at m06 — Netherlands   (Apr 2020– Jun 2020)
  - Worked on automated machine learning (AutoML) models.
  - Implemented text classification model and sentiment analysis model.
  - Used English movies reviews data-set and BERT model.
  - Worked on resume parsing, resume parser analyzes a resume, extract the desired information and insert the information into a database with a unique entry for each candidate.
  - Used BERT and NLP spacy models.

PROJECTS

- Fake News Detection Graduation Project — pytorch (Python)
  - Help to know news are fake or real, measure quality of article and sort the authors by the quality and the reality of and article.
  - Used Liar plus data-set without using (Attentions layers) BERT model.
  - Get ~63% accuracy - State of the art model .
  - Leading team in the machine learning area.
  - Used Google Colab Cloud to train the model.

- Neural Style Transfer — Tensorflow and Keras (Python)
  - Optimization technique used to take three images, a content image, a style reference image (such as an artwork by a famous painter).
  - The input image which you want to style and blend them together is transformed to look like the content image but "painted" in the style image.

- Generate Text—pytorch (Python)
  - Trained character by character on some text, then generate new text character by character, using file or chapter of book to train, generate new text based on the text from the book.

- Emoji Classification —pytorch (Python)
  - Classify an image according to its visual content and then convert the label output to emoji output.
  - Take and collect photos with me.
  - Used Google Colab Cloud to train the model.

ACHIEVEMENTS

- Qualified in the semi-final in A2OJ CODE BATTL
- Expert in Kaggle
- Specialist in CodeForces
- Qualified in Egyptian Competitive Programming Contests 'ECPC' 2017, 2018.
- 11th Place in Assiut Competitive Programming Contests 2017 and 5th in 2018.
- 19th place in ACM-Sa3edy Competitions 2017 and 9th place in 2018.
- Qualified to the 2nd round in SnackDown Competitions 2017 & 2018.
- Solved 600+ problems on various online judges. [Solutions]

SKILLS

- Problem Solving | Data Structure and algorithms | OOP | Mathematics | Statistics
- Programming languages: Python | C++ | Ocatve | Java | R
- Knowledge: Machine Learning | Computer Vision | Natural Language Processing — NLP

COURSES

- Machine learning, Coursera — Stanford   (Sep 2018 - Mar 2019)
- Specialization of deep learning, Coursera — deeplearning.ai   (Apr 2019 - Sep 2019)
- Intro to deep learning with Pytorch, Udacity — Facebook   (Aug 2019 - Dec 2019)

VOLUNTEERING

- ICPC – Assiut University — Mentor   (Sep 2018 - Oct 2019)
  - Helped trainees in problem solving, data structure and algorithms.