[**github.com/Ahmed-elshorbagy**](https://github.com/Ahmed-elshorbagy)

[**hackerrank.com/Ahmed\_Elshorbagy**](https://www.hackerrank.com/Ahmed_Elshorbagy)

Tanta,Egypt

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**Ahmed El-Shorbagy**

**Education:**

* **Tanta University :** B.D.S Bachelor of Dental Medicine and Surgery .
* **Udacity:** Artificial intelligence Nanodegree .
* **MITx :**6.00.1x: Introduction to Computer Science and Programming Using Python from ([link](https://courses.edx.org/certificates/5dda3b7ab44e4c27a98402597f11add8))
* **HarvardX:** Using Python for Research

**Technical-Skills:**

* **Experienced in python:**
* Ranked #1 at Hacker Rank in python section.
* Libraries:( keras, Sklearn, Django, Numpy, Scipy, BeautifulSoup, Scrapy, Pandas and Matplotlib)
* **Artificial intelligence and deep learning:**

AIND from Udacity

Keras, Tensorflow

* **Web developing:** Django, Java-script, Jquery, HTML, CSS and Bootstrap
* **Web-scraping:** BeautifulSoup and Scrapy
* **Gui-development** :Javafx
* **Other languages:** Some experience with: C , Java and C++
* **Languages:** Arabic, English and French

**Soft-Skills:**

MS-office (Word-PowerPoint-Excel)

**Other-Skills:**

Experienced in graphic software:

* 3D modeling ( Autodesk Maya – Z*brush- Blender)*
* photo-editing ( Adobe Photoshop - Gimp)
* video-editing ( Adobe AfterEffects)

**Projects:**

* **ASL(American Sign Language) recognizer using HMMs :**
* In this project I used the captured co-ordinates of both hands of the speakers and his nose and use them to translate the ASL using HMMS.
* Extracted features from these co-ordinates to train HMMS.
* Implemented a language model to decrease the WER .
* **Web app based on the CNN with SnapChat like filter :(**[**Github**](https://github.com/Ahmed-elshorbagy/dog_web_app)**)**
* Implemented CNN and trained it to classify dog breeds using Keras and Tensorflow .
* Created Algorithm to correctly place SnapChat filters on human faces in the picture submitted using Opencv.
* Designed a web app using Django to allow users to submit their own Images or links to images.
* **Time Series Prediction and Text Generation using RNN:**
* Implemented CNN and trained it with previous Apple's stock prices and it predicted the next 40 days with small margin of error.

**Experience:**

* **1 year in web development :**
* helped my friends in their web projects by creating the back-end of the websites using django