

Hozayfa El Rifai

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Education

University of Sharjah

Sharjah, UAE

Major: Bachelor of Science, Computer Science, expected to graduate in 2020

Al Shola Private School

Sharjah, UAE

High School certificate, 2016, 85%.

SKILLS

Programming/Scripting Languages: (Proficient) Python.

(Good Knowledge) JavaScript, Java, C++, SQL, PHP and Assembly X86.

Frameworks/libraries: JQuery, Ajax, React, Redux, Vue, Django, Git, BeautifulSoup4, Scrapy, NumPy, pandas, Matplotlib, seaborn, Scikit-Learn, TensorFlow and Android Studio.

Security tools: Metasploit, NMAP, Burp Suite, Maltego, BeEF and Nikto.

Soft skills: Creative, Teamwork, Strong Leadership, Communication and Collaboration Skills.

Projects

Arabic Text Classification Scrapy, NumPy, Pandas, Scikit-Learn and Matplotlib

Scraped more than 120k articles from seven popular news websites. The dataset has 4 categories. Used Tf-IDF vectorizer to extract text-features. Split the dataset into 80% & 20% (training and testing sets, respectively). Trained ten classifiers using Scikit-Learn. The accuracies ranged from 87% to 97% on the test set. MLP & SVM classifiers were giving the best accuracies 97%.

Voice Gender recognition Pandas, Scikit-Learn, Matplotlib and Seaborn

Worked on recognizing the gender of the speaker and achieved ~98% prediction accuracy using SVM. Used MFCC to extract the features of the voice and tested the model on my own voice.

Reward System React/Redux, Django, Django rest framework

Developed a website for Emirates NBD bank in one of their competitions. Used Django, Django rest framework, React and Redux to build a SPA (Single-Page Application).

Workshops & Participation

- Open UAE and Emirates NBD Challenge
- UAE Google Developer Group DevFest Hackathon 2018
- 1 Million Arab coders initiative (Data Analyst Track & Full Stack Developer Track)

Languages

Arabic (Native), English (Proficient) and French (Elementary)