Ruba Egbaria

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🌐 **Website:** https://github.com/RubaEgbaria

in **LinkedIn:** https://www.linkedin.com/in/ruba-egbaria-944955195/

Gender: Female **Date of birth:** 19/09/2000 **Nationality:** Israeli

ABOUT ME

As a freelancer, I have around three years of practical experience in the field of computer engineering, especially **software development skills** like **full stack development** and **cloud engineering.** My interests in the field of **Mobile development, Virtual Reality and Holograms** since almost all socioeconomic sections will be heavily dependent on them in the future.

EDUCATION AND TRAINING

[2018 – 2022] **BA Degree at Computer Sciences**

An-Najah National University, Information Technology

Thesis: "Business recommender system Based on markets zones and commercial data using Machine Learning." (GPA: A+)
Main subject / occupational skills covered:
My graduation project was the process of building a **business recommendation system**, it depends on the basis of the **geographical distribution of local businesses** based on the shortage. This process integrates **artificial intelligence and machine learning** to yield fruitful outcomes.

Google Cloud Essentials, Baseline: Infrastructure, and Cloud Engineering/ Image Processing and Introduction to Machine Learning

Qwiklabs   https://go.qwiklabs.com/

Cyber Security (40h) and Flutter Mobile development (40h).

The Hope International   https://www.facebook.com/thehope.tech/about
Main subject / occupational skills covered:
Software development, IT support, consultation and outsourcing, Training, Digital marketing, design, and community services.

WORK EXPERIENCE

[06/2022 – 08/2022] **Part-time job at the field Front-end - Angular training (230h).**

Fratello Software House - GFA :

[15/01/2020 – Current] **Android Programming, Artificial Intelligence, Machine Learning, Data Base, Web Development and C-based languages**

Freelancing in the field of computer engineering (software development)

Country: Israel
Main activities and responsibilities:
- Work with developers to design algorithms and flowcharts.
- Produce efficient codes, and Integrate software components and third-party programs
- Verify, deploy programs and systems, and Gather and evaluate user feedback.
- Recommend, improve, and Create technical documentation for reference and reporting.

PROJECTS

[20/01/2022 – 01/06/2022]

Business recommender system based on zones and commercial data - Manager

Accepted by the 16th IEEE International Conference on Application of information and Communication Technologies.

We used machine learning (python) to classify the business and present the shortage in each area depending on the area, the capital of the business and the street category. The data we dealt with are local data collected from the Municipality and the Chamber of Commerce in Nablus city in Palestine. And for the clustering algorithm we used K means clustering. After the equations and the calculations with the essential features mentioned above. And after testing the program, We got approximately accurate results.

In addition, we add a new feature to the program, where the client can insert the business he/she wants to invest and the program will give as a result the areas that has a shortage in that kind of business.

The results was presented in a website using Java Script, HTML, Flask.

https://colab.research.google.com/drive/1yYgQHkmhu-OYbPnWkhQ6V9taLZsTwViP?usp=sharing
http://www.aict.info/?csc=2022

[03/2021]

Mobile Application & software requirements specification documentation - pets store - manager

[08/2021] **Music recommendation system using Machine Learning - Partner**

[12/2020]

Data Base for exchanging books in the university - (Manager) and Mobile Application - employees Data Base - (Partner)

DIGITAL SKILLS

My Digital Skills

Java | parallel processing | Algorithm solving | Object Oriented | Visual Studio/Visual Studio Code | Eclipse RCP | AnacondaPython | Oracle VM | upyter Notebook, Keras, Torch, Tensorflow2, Matplotlib, OpenCV, Numpy, Pandas, SQL, Git | MAT LAB

Specific Digital skills

HTML | C++ | Database | Python/Anaconda | Object oriented | fluent use of websites, applications, browsers | MAT-LAB | emulator, | Git | Android Programming - Android Studio | Linux | multimedia

LANGUAGE SKILLS

Mother tongue(s): Arabic, French Sign Language

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

Hebrew

LISTENING B2 **READING** B2 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

RECOMMENDATIONS

CEO at Ghadeer Future Accelerators

Name: Dr. Mohammad Sharaf
Phone number: (+39) 3889010280
Email: massharaf@yahoo.com

Fratello Software house (specialized in the field of AI and IoT)

Instructor at An-Najah National University, Information Technology

Name: Dr. Mai AbuSair
Email: mabuseir@najah.edu

Specialized in AI