

Shayma abu saada

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Education

2017 – 2022	An-Najah National University BSc. In Computer Engineering GPA : Good
2017	Tawjihi One of the top ten in Qalqila (97.9%).

Summary

five year Computer Engineering in An-Najah National University with good GPA.

Fast learner, with high skills in self-learning , and high communication skills.

Projects

Smart Plant– Graduation project 2| 2022

Plants, as we all know, are quite vital in our lives. They require water to exist and light to perform the photosynthesis process. The robot allows indoor plants to serve themselves in terms of these two primary needs without the intervention of people.

Sun-Seeking planter is a robot that allows indoor plants to follow an algorithm to find the sunniest location in a room; it also allows them to measure the soil moisture, so when needed, it can get what it needs from the water and voice can also be used to detect movement of plant.

the project's major goal is to allow the plant to meet its own needs. Such as water and sunlight.

The process outline of the project is go over three basic concepts: stepper motor movement and obstacle detection, determining the sunniest spot using LDRs and algorithm, and determining soil moisture. Also the robot is controlled by an Arduino Uno microcontroller and driven by two stepper motors.

Oregano app with web scarping – Graduation project 1 | 2021

An application programmed in react native language with mysql database , Node js express js for server side and react js for web adminstreter .

With the increase in cooking recipes, mothers are confused about cooking! Our Project (Oregano) suggests that mothers cook recipes based on the food substances they choose. Besides suggesting a specific recipe based on the food substances in the refrigerator, Oregano can count calories for every meal and provide tips for people on a diet.

Our application serves the Palestinian mothers category, especially those who have no cooking experience. Our application simplify the cooking process and make it more enjoyable, and we are not recommend dishes that would harm people who suffer from diseases. For instance, the application does not recommend dishes containing bread for a Coeliac disease.

In the application development process, we developed a background service that builds a database using web scraping in python. The service use the scrapy driver to automatically open URLs, read text and data, follow links, extract underlying HTML code, analyze data, and store the needed information in a database. We use React native for mobile applications and react js build web administrators.

Home Design – web project | 2019

An user-friendly web application for decorate and design home , the user can choose any design shown in our website or communicate with designer to designing his house . Also we have admin panel to follow customers behavior.

Cars Company – Data Base project | 2019

A project which manage the data bases of cars . All customers , sellers, cars, and the manager can has an account and access specific data they need in an obvious way. sellers and manager can update and add data.

Calendar – Java project | 2018

A full-year calendar for 10 years. User can browse each year, month or day. He can add his events of the day with the specific hours (and modify or delete them).

AI & Machine Learning Flow Accelerator workshop| 2022

I have a workshop in Ramallah in Flow Accelerator company that talk about AI and ML , in this workshop I studied text Mining , NLP and Neural Network ,In addition this bootcamp talk about image processing , classification and Deepfake.

Technical Skills

C / C++ , Java , Data structures, Object oriented, Front end and Back end web development, React native, python and Database (Oracle,Mysql) , Linux/Ubuntu environment