MARAH DIREENI

COMPUTER ENGINEERING STUDENT

PROFILE

Motivated and serious computer engineering student with a background in software development and programming. experienced in languages like Java and C++. A quick learner who is dedicated to keeping up with new developments in technology. Seeking an exciting and practical backend programming training program that will allow me to improve my abilities and add value to real projects. excited to learn from experienced professionals in the sector and put my academic skills to use in a real-world situation.

CONTACT

PHONE:
+970595367273

ADDRESS
Nablus

EMAIL:
direenimarah@gmail.com

EDUCATION

An-Najah National University
2019 – expected May 2024
Bachelor of Science in Computer Engineering.

Al-Aishiya secondary school
2018 - 2019
Scientific Major
Graduated with total grade 97.4

SKILLS

HARD SKILLS:
- Backend Development
- Database Management
- Programming Languages: C++, Java, Verilog, HTML, CSS, Java Script.
- Problem Solving and Debugging
- Good Hardware Knowledge

SOFT SKILLS:
- Team Collaboration
- Quick Learner and Adaptable
- Effective Communication Skills

PROJECTS

-COCKTAIL MACHINE (HARDWARE GRADUATION)

- Spearheaded the development of a fully autonomous system for the entire juice ordering and delivery process.
- Utilized Arduino Mega as the central controller and integrated ESP32 for seamless communication.
- Implemented multiple motors and sensors to orchestrate a comprehensive and automated system.

-MEETUP (DATABASE COURSE)

- Developed a comprehensive Event Management System using JavaFX for the frontend, MySQL, and Java for the backend.
- Engineered a user-friendly interface facilitating event creation, management, and publication.

REFFERENCES

Dr.Samer Arandi

Assistant Professor at an Najah university, computer engineering department.

arandi@najah.edu

LANGUAGES

-Arabic(Fluent).
-English (Very Good).
-Turkish (Good).

- Implemented secure and efficient database interactions to store and retrieve event-related information.
- Designed features to support student associations in organizing and publishing details about their events.

-TAC-TEO (AI COURSE)

created and developed a Java game called Tic Tac Toe with two different play settings. 1-player mode with intelligent AI and a traditional 2-player mode, Minimax algorithm is used in the game's single-player mode to guarantee a clever and difficult opponent. The algorithm strategically chooses the best move to increase the AI's odds of winning.

ACTIVITIES

- **IEEE XTREME 15.0** | IEEE NAJAH UNIVERSITY BRANCH

Problem solving competition, a global programming challenge, showcasing problem-solving skills and collaborative teamwork in a competitive programming environment.

- **CONNECT GLOBAL** | SOLIYA

An online cross-cultural education program is embedded in 200+ universities across 35 nations. It emphasizes critical 21st-century skills, including digital media literacy, communication, and critical thinking.

- **RESEARCH FOR INNOVATIONS**

  Workshop learning the basics of scientific research with university professors

- **INNOVATON HACKATHON**

It's a set of challenges that were held at An-Najah University. included 500 students from various disciplines. I participated with computer engineer challenge(Jaddin).

- **JOB PLATFORM API**

The Advanced Software Project API serves as the backend for a job platform. Users can seamlessly log in or sign up, search for specific jobs, apply quickly, and view all available opportunities. Developed using the Node.js framework, we utilized a RESTful API approach, integrating MySQL database, and employed Postman for streamlined testing and validation.