SALWA FAYYAD

Palestine – Ramallah / Al-Sharafa· 0593200783
Email: Salwafayad2003@gmail.com | LinkedIn: Salwa Fayyad | GitHub: SalwaFayyad

EDUCATION

Computer Engineering, Birzeit University | **SEP 2020 TO JUL -2025**
Tawjihi, Ramallah Girls Secondary School | Grade : 94.9 | **AUG 2019 TO JUL- 2020**
Ramallah, Palestine

TECHNICAL SKILLS

- **Programming Languages**: Java (Advanced), C (Advanced), Python (intermediate), MySQL (intermediate), Assembly (intermediate), HTML (beginner), CSS (beginner), Verilog(intermediate) .
- **Software development tools:** GitHub, NoteBook, Visual Studio Code, Jetbrains IDEs, Docker (beginning).
- **Libraries and Frameworks**: JavaFX, NumPy, Matplotlib, Seaboarn, Pandas, scikit-learn.
- **Additional Skills:** Object-Oriented Programming (OOP), Data Structures and Algorithms, Linux (Basics).

LANGUAGES

- Native Arabic fluency
- Good English skills
- French-Diploma in French language studies (DELF)-Level(A1)

PROJECTS

Supermarket Product Shelving Simulation.
SalwaFayyad/Supermarket-Product-Shelving-Simulation (github.com)

- We've created a real-time simulation using threads as part of the ENCS4330 Real-Time Applications & Embedded Systems course. This project focuses on emulating real-world scenarios with time-sensitive interactions, leveraging multi-threading techniques to ensure accurate and timely processing.

Dental Clinic System
SalwaFayyad/Dentist-Clinic-Database-Management-System (github.com)

- Developed a Java-based dental clinic system with colleagues, integrating Java, JavaFX, and MySQL for managing appointments, patient records, diagnoses, treatments, and prescriptions. Utilized Scene Builder to create a user-friendly interface, simplifying data management and improving clinic operations and patient care.

Heart Disease Detection System
SalwaFayyad/Heart-Disease-Detection-System (github.com)

- Created a heart disease detection system using machine learning techniques in Python, conducting exploratory data analysis and employing Random Forest, Support Vector Machine, and K-Nearest Neighbors algorithms. Achieved accurate predictions and analyzed model performance, ensuring reliability in diagnosing heart diseases.

ACTIVATES

- Computer vision using Rasperry pi. May 2023 Purpose
  In May 2023, I completed a 25-hour training course at Purpose on Computer Vision using Raspberry Pi.
- Frontend bootcamp. May 2023 knowledge academy
- Sales and marketing. OCT 2022-May 2023 Paltel.
  Working in team training how to sell and communicate with customer at paltel company.
- E-Micro Learn Training OCT 2022-FEB 2023

SKILLS

- Communication.
- Fast learner.
- Team work.
- Task prioritization.
- Planning.

These experiences have not only enriched my professional journey but also underscored my dedication to contributing meaningfully to impactful projects and ventures, and the journey continues….