



Wesal Alshamali

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ABOUT ME

I am a biomedical engineer with expertise in full stack web development, covering HTML, CSS, JavaScript and PHP for backend development .I have successfully designed and implemented systems that manage databases using SQL programming in conjunction with PHP. I also have experience in Arduino projects, where I utilized C programming language to develop and execute several successful projects.

EDUCATION

Bachelor's Degree in Biomedical Informatics Engineering

Yarmouk University 2018-2023

Final grade: Very good - 78.5

ABET Accredited Hijjawi faculty for engineering technology.

PROJECTS

Graduation Project.

H3 histone occupancy prediction using neural network.

Problem formulation: dataset with a 14965 sequences (ACGT) and its classes (0.1) , we want to know if the histone H3 is positive or negative to be able to wrap itself around the DNA, we used 4-kmers then we tried to enter the dataset in a neural network model to find out the accuracy.

Training Project.

Hospital Management System.

Front-end part Contains home page ,about page ,services page ,departments page, doctors page and the user can make an appointment.

Back-end part we used MySQL to create database with different tables for doctors, departments, nurses, appointments. Only Doctors and Admins can login to the system, Doctors can schedule time but Admin can add new Doctors, Nurses, Patients and edit/remove information about any of them ,also can add ,remove or edit department.

TRAINING

[2023] **Full stack web developer**

at Hisham Hijjawi Scientific incubator.

- Applying software engineering principles to web development ,I've built efficient, secure, and scalable websites, ensuring a structured, well-documented process for easy maintenance and future enhancements.
- I have hands-on experience in implementing design elements through HTML and CSS, optimizing graphics for web compatibility, and ensuring the website's overall visual consistency.
- I have successfully designed and implemented elegant, feature-rich projects utilising Ajax and local storage, and built several projects connecting websites to databases and API's.
- I had to acquired a strong proficiency in Github.

VOLUNTEERING

[2021 – 2022]

Matar Project

- Collaborated with the Matar Project team to support their mission and objectives.
- I have recorded audio books for the blind people to assist them with their studies, reading, and more.
- Demonstrated commitment by volunteering for one year.

SKILLS

Technical Skills

- GitHub
- PhpMyAdmin
- Figma
- Visual Studio Code
- HTML
- CSS
- JavaScript
- Bootstrap
- jQuery
- PHP
- Ajax

Soft Skills

- Good Communication Skills
- Teamwork
- Time management

CERTIFICATIONS

Full-Stack Web Development

Hisham Hijjawi Scientific incubator.

- UI & UX.
- HTML,CSS,JavaScript,Bootstrap and jQuery.
- PHP,Mysql and Ajax.