

Rose Hummusani

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OBJECTIVE

Ambitious and self-motivated graduate with strong foundations in software development, machine learning, and front-end design. Seeking an opportunity to apply and grow my skills through real-world projects while contributing meaningfully to an organization.

EDUCATION

Bachelor's in Computer Science, Imam Abdulrahman Bin Faisal University 08/2020 - 05/ 2025
Second honor with a GPA of 4.4 out of 5, studied courses in Database, Networking, Electronics, Software Engineering, Object Oriented Programming, Web-Based Systems, Data Mining, Mobile App Development, and Ethical Hacking.

EXPERIENCE

Software Developer Intern, Kwaidi 06/2024 - 08/2024

- Built responsive and dynamic web interfaces using Vue 3, JavaScript, HTML, CSS, and Bootstrap 5.
- Supported backend integration and managed documentation for Odoo ERP systems.
- Designed and refined client-facing UI/UX using Figma and Adobe XD.
- Collaborated across teams for efficient project execution and seamless API integration.

SKILLS

Web & App Development: HTML, CSS, JS, React, Next.js, Node.js, Flutter, Dart, PHP, SQL, MySQL, Firebase
Programming & Data Analysis: Java, Python, C++, Machine Learning, Deep Learning, Data Mining, Power BI
Tools & Platforms: Git, Odoo, Figma, Axure, Balsamiq
Soft Skills: Problem Solving, Communication, Teamwork, Leadership

PROJECTS

CyberGuard – ML-Based Cyberattack Detection System 05/2025
A Python-powered machine learning system designed to detect and classify DoS and DDoS attacks in IoBC-enabled energy networks. Achieved 98.8% detection accuracy, enabling real-time threat identification and secure integration with IoT sensor data.

Visual Pollution Detection on Public Roads 05/2025
Enhanced a YOLOv5-based system in Python to detect urban visual pollutants from images. Optimized the model for accuracy and efficiency to enable real-time detection for smart city applications.

SmartStudy – iOS Student-Productivity App 04/2025
An iOS app built with SwiftUI that helps students organize their academic life through a Pomodoro timer, task scheduler, deadline reminders, and visual progress charts across 10+ intuitive screens.

Potterica – E-Commerce Website 12/2024
A user-friendly online shopping platform developed using HTML, CSS, and PHP. Designed to simplify the shopping experience while enabling seamless and secure management of products and admin users.

CERTIFICATES

Guided Learning Experience in Data Analytics IBM SkillsBuild	12/2024
Introduction to Artificial Intelligence KAUST Academy	03/2023
AI Foundation SDAIA	10/2022
AI Bootcamp (50 hours) Imam Abdulrahman Bin Faisal University	12/2022

LANGUAGES

English Arabic

VOLUNTEERING

Participated in Media Committee 08/2021- 05/2022
Imam Abdulrahman Bin Faisal University