Abdulhadi Alhammak

Portfolio | abdulhadialhammak@gmail.com | LinkedIn | GitHub

PROJECTS

Student Management System | *A university desktop application built using Java, Java Swing JForms, and MySQL.*
- Admin login to manage student records and grades.
- Add new students and grades.
- Check student information and grades.
- Students can log in to view their marks and personal information.

Hotel Management System | *A desktop application for hotel management built using Java, Java Swing, and MySQL*
- Admin login to manage employee information.
- Employees can book rooms for customers.
- Check-in and check-out functionality for customers.
- Print receipts for customers.
- Add new rooms and check customer details.

ChatBot | *A basic chat bot built using java*
- Automated responses to user queries.

Housing Price Prediction | *A project built using Python in Jupyter Lab that predicts housing prices in California*
- Predicts housing prices based on distance to the ocean and other features.

Portfolio | *A personal website built using HTML, CSS, JavaScript, React.js and React Bootstrap*
- Project Showcase: Displays the projects I've worked on.
- Responsive Design: Fully responsive design for mobile and desktop.
- Contact Form: Visitors can send me a message through the contact form.
- Serverless Email API: Uses Nodemailer to send emails via a serverless function.

Car Counter | *The project is designed to detect and count cars passing through a designated line on a road*
- Real-time Object Detection: Uses the YOLO model to detect cars in each frame of the video.
- Counting Mechanism: A virtual line is placed in the middle of the road, and cars are counted as they cross this line.

- Customizable Line Placement: You can adjust the position of the line to count cars at different locations.
- PyTorch Integration: Leverages the power of PyTorch for running YOLO.

EXPERIENCE

Machine Learning Intern   Aug – Oct 2024
Prodigy InfoTech   *Remote*
- Created a housing price prediction model using machine learning algorithms
- Worked on optimizing model accuracy and feature engineering
- Collaborated with a team to deploy the model in a real-world environment

Java Programmer Intern   Aug – Sept. 2024
CodeAlpha   *Remote*
- Developed a desktop application for student management using Java
- Created a hotel management system to streamline operations
- Designed and implemented a chatbot for automated responses using Java

EDUCATION

Lebanese University   Hadat, Beirut
Bachelor of Science in Computer Science   *Sep. 2022 – Present*
- Completed the 42 Ecole Beirut piscine for 4 weeks, enhancing coding skills and collaborative problem-solving
- Participated in various webinars on topics like software development, data science, and artificial intelligence.
- Engaged in group projects, developing applications and presenting solutions to real-world problems.
- Contributed to coding clubs and hackathons, fostering teamwork and technical skills.

Shhim High School   Shhim, Mount Liban
Lebanese Baccalaureate in General Sciences   *Aug. 2019 – Aug. 2022*

Skills

Languages: Arabic, English
Programming Languages: Java, Python, C/C++, MySQL, JavaScript, HTML/CSS, PHP, Assemly, Flutter,
Frameworks: React, Node.js, Laraval, Bootstrap,
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ, NetBeans, Eclipse