

ABDUL BASIT

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Education

Comsats University Islamabad, Vehari Campus

Sep 2020 – June 2024

Bachelor of Science in Computer Science

Technical Skills

Languages: Python, C++, Php

Framework: Flask

Frontend: HTML, CSS, Bootstrap

Databases: MySQL

Developer Tools: VS Code, GitHub

Work History

AI/ML Intern

June 2024 - Sep 2024

Codic Solution, Islamabad

- Successfully completed a 3-month internship focused on developing machine learning models for real-world applications, including lead generation and shoplifting detection.
- Contributed to front-end projects by designing and optimizing user interfaces, enhancing user experience and accessibility.
- Demonstrated strong problem-solving abilities and a proactive approach to learning and applying new technologies in fast-paced project environments.

AI/ML Intern

July 2024 - Oct 2024

ITSOLERA Pvt Ltd, Islamabad

- Developed and fine-tuned AI models for text classification in news articles and emotion recognition in conversations, enhancing the company's data processing capabilities.
- Contributed to an AI-powered drug repurposing project, utilizing machine learning techniques to identify new therapeutic uses for existing drugs.
- Built an AI-driven order processing system, streamlining workflow and improving efficiency for ongoing projects.
- Demonstrated adaptability and technical expertise, quickly learning new skills and collaborating effectively with cross-functional teams.

Projects

Sentiment Analysis System using Machine Learning

- Built a sentiment analysis model to classify customer feedback, providing insights into customer satisfaction levels and enabling targeted marketing strategies.

E-commerce Customer Segmentation

- Developed a clustering model to segment e-commerce customers based on purchasing behavior, helping businesses tailor marketing efforts to specific customer groups.

Credit Card Fraud Detection

- Implemented a machine learning model to detect fraudulent credit card transactions, improving transaction security by identifying suspicious activity in real time.

Text Classification for News Articles

- Designed a text classification model to categorize news articles by topic, facilitating quick content organization and enhancing user search experiences.

AI-Powered Drug Repurposing

- Leveraged AI and machine learning to discover new therapeutic uses for existing drugs, aiming to expedite drug development and improve treatment options.

Emotion Recognition in Conversation

- Developed an emotion recognition system to detect and classify emotions in text, improving human-computer interaction and customer service analytics.

AI Model for Processing Orders

- Created an AI-based order processing model to automate routine tasks, enhancing order accuracy and streamlining operational efficiency.

Shoplifting Detection System

- Built a machine learning model to detect shoplifting behaviors in video footage, aiding in real-time security monitoring and reducing loss prevention costs.

Automated Lead Generation System

- Designed a lead generation system that scrapes social media data for potential leads, providing businesses with a reliable source of targeted contacts.

Book Review System Using PHP

- Developed a web application for users to submit, view, and rate book reviews, fostering community engagement around literature.

Music Player Website Using PHP

- Created an interactive music player web application, allowing users to browse, play, and manage their favorite tracks online.

Movie Ticket Booking System Using PHP

- Built an online booking system for movie tickets, enabling users to view showtimes, select seats, and purchase tickets seamlessly.

E-learning Management System Using PHP

- Designed an e-learning platform that allows educators to upload courses and track student progress, enhancing the online learning experience.