

Najam Irfan

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EDUCATION

Bachelor of Science in Computer Science

I have completed a Bachelor of Science degree in Computer Science at University of Central Punjab. Throughout my coursework, I have gained a strong foundation in programming, data structures, algorithms, and database systems. I am proficient in several programming languages and possess strong problem-solving and analytical skills. Additionally, I am able to work effectively in a team environment and communicate effectively with others.

WORK EXPERIENCE

Dispatcher – Future Logistic

- Ensure timely deliveries and pickups using advanced routing software, optimizing routes to reduce fuel costs and delivery times.
- Maintain consistent communication with drivers, providing real-time updates and promptly addressing issues.
- Deliver top-tier customer service by promptly resolving delivery-related concerns and inquiries.
- Keep precise shipment records, including bills of lading, delivery confirmations, and driver logs.
- Collaborate with maintenance teams for routine vehicle inspections and repairs to ensure fleet reliability and safety.
- Uphold compliance with safety regulations and company policies, conduct driver performance evaluations, and provide constructive feedback for continuous improvement.

LEADERSHIP ACTIVITIES

Member of SET society - University of Central Punjab

- Contributed to the management of projects and organization of events.
- Assisted in developing strategic plans to achieve society goals and enhance member engagement.
- Collaborated with external organizations to secure additional resources and opportunities for members.

SKILLS AND INTERESTS

Programming Languages: C, C++, Python. HTML, CSS, JAVASCRIPT

Interpersonal Skills: Critical thinking, problem solving, teamwork

Interests: Sports and Reading

PROJECT

TruSec - Trucking Surveillance System

This project aims to establish a secure surveillance system for trucks carrying sensitive consignments over long distances and remote areas. It utilizes a Raspberry Pi 4 microcontroller integrated with a Wi-Fi camera, GSM Module, and Radio Waves Module. The system includes an ESP 32 module with RF receiver to transmit data to a backend API service on AWS EC2. Periodic snapshots taken by the Wi-Fi cameras are analyzed using a TensorFlow model to detect driver facial expressions. Results are transmitted via GSM and Radio Waves for redundancy and displayed in real-time on an Angular dashboard using WebSocket technology.

C++ programming

During my internship with CodeAlpha, I independently worked on software development projects, enhancing my skills in object-oriented programming and problem-solving. I focused on implementing efficient solutions, debugging, and writing clean code. This experience improved my ability to manage tasks effectively and meet project goals.

Github:

<https://github.com/najamirfan/CodeAlpha>