



Shams Ur Rehman

Date of birth: 03/04/1999 | **Nationality:** Pakistani | **Gender:** Male | (+92) 3109840355 |
(+92) 3037915458 | 17pwcse1574@uetpeshawar.edu.pk | shamssmi058@gmail.com |
<https://www.linkedin.com/in/shams-ur-rehman-0318b9214> |

Moh: Loi Shalman Yousaf Khieel Landi-kotal, Tehsil Landi Kotal Distric Khyber Agency, 24740, Landi-kotal, Pakistan

WORK EXPERIENCE

01/10/2017 – 16/08/2021 – Peshawar, Pakistan
FINAL YEAR PROJECT AND UNIVERSTIY PROJECTS – UET PESHAWAR

We have successfully completed our Final Year Project and we have done ECG data collection, data pre-processing and feature extraction using python language. We have implemented AI model (CNN) for ECG classification and prediction of heart's arrhythmias. Also I have worked on projects related to Web Development . As on my part I have done front-end designing for our semester project (E-commerce website).Also I have some experience in WordPress.

EDUCATION AND TRAINING

14/09/2017 – 16/08/2021 – University of Engineering & Technology, Jamrud Road Peshawar Khyber Pakhtunkhwa, Peshawar, Pakistan
B.SC. COMPUTER SYSTEM ENGINEERING – University of Engineering and Technology Peshawar

Computer Programming Languages(C, C++, Python, MATLAB, MY SQL) | Data Analytics ,Web Engineering | Database Management system

Field(s) of study

- Computer System Engineering

CGPA:3.31 | <https://www.uetpeshawar.edu.pk/>

01/07/2015 – 01/05/2017 – Shahi Bagh Road Peshawar, Peshawar, Pakistan
HIGHER SECONDARY SCHOOL CERTIFICATION – The City College of Arts and Science Shahi Bagh Road Peshawar

Mathematics | Physics | Chemistry

Field(s) of study

- Pre Engineering

Grade:A1 | <http://www.thecitycollege.edu.pk/>

01/05/2013 – 01/05/2015 – Loi Shalman yousaf Khieel , Landi-Kotal Distric khyber, Landi-Kotal, Pakistan
SECONDARY SCHOOL CERTIFICATION – Al-Madina Public School Loi Shalman Khyber Agency

Mathematics | Physics
Chemistry | Biology

Field(s) of study

- Science

Grade:A1

LANGUAGE SKILLS

Mother tongue(s): PASHTO

Other language(s): ENGLISH | URDU

DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Microsoft Powerpoint | C/C++/ PROTEUS/KIEL/ | MATLAB & SIMULINK | SQL/ MYSQL | Python(Anaconda) Jupiter/ Machine Learning | Web Development (HTML,CSS, Bootstrap, Javascript)

● PROJECTS

01/12/2020 – 16/08/2021

Cardiac Arrhythmia Detection using Artificial Neural Network

The aim of this project is creating an artificial neural network (A machine learning technique) to detect and classify cardiac arrhythmias type in a heart patient. This project will be able to detect and classify the arrhythmia type from the ECG complex of heart patient. The goal of this project is to minimize the risk of fatal cardiac arrest for heart patients

Line Following and Obstacle Detecting Robot:

It is purely a hardware-based Project and It works on the principals of digital logic design and include IR sensors, Voltage Regulator and Diodes. Line following robot can be used in mining work and transportation fields and provide the necessary assistance to people working in tunnels and low visibility environments.

Home Automation Using 8051 Micro Controller

It is an innovative and exciting project though which we can automate our home lightening system. It can be done though using micro controller such as 8051 and can be controlled though a smart phone

E-commerce website:

It is an ecommerce website with a fully functional database which is implemented in SQL and Laravel framework

Computer Programming Project (Quiz Game):

It is a game that actually consists of MCQS from different subjects. we used C++ programming language for this game and calculating score in same manner as ETEA.