

An enthusiastic student enrolled in well reputed university of Pakistan, FAST NUCES Islamabad, who has worked hard on multiple programming languages. Strongly focused towards my goals and objectives.

## EDUCATION

### Bachelors Computer Science FAST NUCES

08/2018 - 09/2022

Islamabad, Pakistan

#### Courses

- Artificial Intelligence
- Natural Language processing
- Software Mobile Development
- Web Programming
- Cloud Security

### FSC Pre-Engineering

APSACS College Hummayun Road

2016 - 2018

Rawalpindi, Pakistan

### Matric Science Group

APSACS College Hummayun Road

2014 - 2016

Rawalpindi, Pakistan

## WORK EXPERIENCE

### SmartWatch App Development FAST NUCES

08/2021 - 09/2021

Smart Watch based Tizen app in Native C++

#### Achievements/Tasks

- Sensor Programming of accelerometer and gyroscope

Contact : Dr. Amna Basharat - amna.basharat@nu.edu.pk

## SKILLS

Machine Learning

Python

Flask

Sklearn

C/C++

Assembly Language

Android Development

Web Development

SQL/PHP

AWS

## PERSONAL PROJECTS

### SmartSalah (FYP)

- Activity Recognition of Salah using smartwatch that get sensor readings while person performing Salah. And at end user can see correctness and completeness of Salah in smartphone based application

### Exam Scheduler Generator

- Implemented Exam Scheduler Generator using Genetic Algorithm

### Chess game

- Made a Chess game using Min-Max Algorithm in which have max-depth 3

### Notepad

- Implemented notepad using the concepts of different data structures which includes 4D linked lists, queues, stacks, different types of trees and graphs.

### Cisco Packet Tracer

- Used Cisco Packet Tracer to simulate a network using features of EIGRP, OSPF, DHCP and many more.

## CERTIFICATES

Programming for Everybody (Getting Started with Python)

courseera

## LANGUAGES

English

Professional Working Proficiency

Urdu

Full Professional Proficiency

## TOOLS

Pycharm

Jupyter Notebook

Visual Studio

Android Studio

Tizen Studio

Latex

Google Collaboratory

Xampp