

# Sana Sher

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sanachaudhary30@gmail.com

## Objective

Passionate educator looking to gain the necessary education and training to become good researcher in my field.

## Education

### **BS IN SOFTWARE ENGINEERING | 2017 | UNIVERSITY OF GUJRAT, SIALKOT CAMPUS**

- CGPA: 3.89/4.00
- Major: The major encompasses technical issues affecting software architecture, design, and implementation as well as process issues that address project management, planning, quality assurance, and product maintenance.

### **INTERMEDIATE | GOVT. POST GRADUATE COLLEGE FOR WOMEN, SIALKOT**

- Obtained percentage: 67.63%
- Major: Studies focused in subjects like Mathematics, Physics and Chemistry.

### **MATRICULATION | PAKISTAN INTERNATIONAL SCHOOL, AL-KHOBAR SAUDIA ARABIA**

- Obtained percentage: 70%
- Major: Studies focused in subjects like Biology, Mathematics, Physics and Chemistry.

## Projects

### **SMART DECISION SUPPORT SYSTEM FOR PAKISTANI FARMERS**

My undergraduate degree thesis is on decision making using ID3 algorithm. It is Research and Development (R&D) project. A survey was conducted to identify the important factors and based on those factors service oriented architecture (SOA) was proposed to provide information to farmers that will help them in efficient decision-making during all stages of framing. The data is stored on azure cloud and is accessed at website and mobile application by using web services. The project was appreciated by farmers and government agriculture extension.

### **UWEATHER**

I developed android based weather application during my undergraduate degree. The weather application detects current location of the user and provides weather updates accordingly.

### **LIBRARY MANAGEMNET SYSTEM**

During my undergraduate degree, I developed library management system to computerize all daily work of library. It was web based system developed in PHP.

### **SHORTEST PATH FINDER USING DIJKSTRA ALGORITHM**

I worked on Dijkstra Algorithm for finding shortest path. The shortest path among all available path was determined. The system was developed in C++.

## **Skills**

- C++
- C#
- Java
- SQL
- ANDROID
- ASP.NET

## **Honors and awards**

- University topper, 2017
- Earned academic excellence merit award, 2013-2017
- Earned excellence award for science project, 2006
- Consistently named to secondary and higher school honor roll