



# Zain Aftab

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## Education

### **National University of Computer and Emerging Sciences, Islamabad**

Bachelor of Science (Computer Science) – 2017

Majors: Software Engineering, Algorithm Analysis, OOP Paradigm, Operating Systems, Computer Networking, Data Warehousing, Artificial Intelligence, Distributed Systems

### **Roots College International, Rawalpindi**

A-Levels (Sciences) – 2013

### **Salamat-ICAS, Lahore**

O-Levels (Sciences – Commerce, English Literature) – 2011

## Projects

### **Final Year Project [ASP.NET, MVC Framework, Entity Framework]**

**DOCHARITY:** It provides a social networking platform for donors and charity organizations to connect with each other with a factor of trust. The users are rated and searched on the basis on their rating. Furthermore, it contains features such as profiling, history management, blood donations and a messaging service.

### **MYGAME ONLINE STORE [ASP.NET, MS SQL]**

Developed an online store for videogame sales and renting with inventory management based on the web.

### **CHATTERBOX [Java, MySQL]**

Developed a desktop and web based chatting application for audio/video calling, history management, contacts and translation.

### **MAPS WITH SHORTEST & ALTERNATE PATHS [C++]**

Developed a program in which the user can visually see the distances between cities by the depiction of paths.

### **TIMETABLE SCHEDULER [Visual Studio, C#]**

Developed an application in which classes are automatically scheduled in time slots by using a genetic algorithm.

### **PEER TO PEER FILE TRANSFER [C++]**

Developed a networking program in which peers can connect with each other and transfer files in packets.

## Work Experience

### **United Nations Office on Drugs and Crime (UNODC)**

Developer and SE (Intern) – June 2016 - Aug 2016

Worked on .NET Framework and produced an SRS for Baluchistan Police

### **AlmusNet (Techlogix), Islamabad**

Application Consultant – December 2017 – August 2018

Worked on the implementation of a CMS for different universities across the country. Main tasks were gathering requirements from clients, designing and configuring the ERP accordingly. Also provided enablement trainings for clients, writing training manuals and provided support on their issues.

## Honors and Awards

Bronze Medal – O-Levels 2011

Merit Scholarship - A-Levels 2011-2013

Best Student in Computer Science – O-Levels 2011

Central Superior Services (CSS) Qualifier 2019

## Skills & Tools

ASP .NET, Python, C#, Unity Game Engine

Database (Microsoft SQL), Microsoft Office,

Web Designing & Development (Wordpress, HTML, CSS, jQuery, Javascript)

## Activities

GMUN Delegate 2013, NasCon/Softec Gaming Officer 2016

Video Games Development, Writing, Gaming