Zain Aftab

Date of Birth
22/03/1995

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Education

National University of Science and Technology (NUST, Islamabad)
Masters of Science (Data Science) – 2020 to date
National University of Computer and Emerging Sciences, Islamabad
Bachelor of Science (Computer Science) – 2013-2017 graduation
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 – additional subjects: 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.

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