Itisam Zia

Junior Year Student

Personal Details

- 👤 Itisam Zia
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- 🟠 leetcode.com/sif-zia/
- 🔵 codewars.com/users/sif-zia

Programming Languages

C / C++	●●●●○
Python	●●●●○
HTML - CSS - JS	●●●●○
SQL	●●●●○
C#	●●●○○

Hobbies

- ♟️ Chess
- 🎵 Music
- 🎥 Movies and Series

Education

Bachoelor in Computer Science (BSCS)   Sep 2021 - Present
FAST NUCES Lahore
CGPA: 3.92

Intermediate in Computer Science (ICS)   Oct 2019 - Oct 2021
Home Schooled
1087 / 1100

Matriculation with Computer Science   Jan 2017 - Jul 2019
Home Schooled
1030 / 1100

Courses & Projects

Software Design & Analysis (SDA)   A+
Project: A University Society Management System Web App implemented using ASP.NET MVC Framework in C#. For backend, Entity Framework and SQL Server Management Studio were used.

Database Systems (DB)   A+
Project: A Social Media Web App for photographers implemented using ASP.NET MVC Framework in C#. For backend, SQL Server Management Studio were used.

Object Oriented Programming (OOP)   A+
Project: A retro version of the game Minesweeper implemented using C++/CLI Windows Form.

Programming Fundamentals (PF)   A+
Project: A console-based 2D game simiar to Candy Crush implemented using C++.

Computer Organization & Assembly Languages (COAL)   A
Project: A 3D Car Racing Game programmed entirely in Assembly Language.

Design & Analysis of Algorithms (DAA)   A+
I learned many problem-solving techniques in this course such as Dynamic Programming & Recurrsion which I used for solving about 50 problems on Leetcode & Codewars.

Data Structures (DS)   A+
This course provided me a strong understanding in commonly used important data stuctures such as Queues, Stacks, Hashmaps, and especially Graphs.

Co-Curricular Activities

Wired IoT Hackathon   Jul 2022 - Aug 2022
by Grandeur Iot Company
In the Summer of 2022, I made an IoT (Internet of Things) project that can control a TV using Google Assistant Voice Commands and Hand Gestures. It was implemented using an ESP-8266 Microcontroller that was programmed using Arduino C. I used Grandeurs' own API to connect the chip to the internet and then connected my Grandeur account with IFTTT for Google Asistant integration.

Skills

Self-Learning	●●●●●●●●●○
Conscientiousness	●●●●●●●●●○
Team Leadership	●●●●●●●●○○
Communication Skills	●●●●●●●○○○