# Fasih Muhammad Virk

## Undergraduate Student

Hello, my name is Fasih and I am a highly motivated Computer Science student at the Institute of Space Technology. I have developed a strong foundation in programming languages such as Python, C++, and SQL, as well as web development using Django and mobile app development with Kotlin for Android. With a passion for technology and problem-solving, I am constantly seeking new challenges to further develop my skills and knowledge in the field of Computer Science.

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## SKILLS

- C++ programming Language
- Python Programming Language
- SQL
- Web Development
- Project Management

## LANGUAGES

**English**
*Full Professional Proficiency*

**Urdu**
*Native or Bilingual Proficiency*

## INTERESTS

- Full Stack Development
- Web Development
- App Development
- Data Science
- AI

## EDUCATION

### Bachelor's Degree in Computer Science
Instiue of Space Technology

*09/2020 - Present*                                          *CGPA 3.15 (Islamabad)*

Core Modules
- Programming Fundamental, OOP, Database Management, Data Structures, Software Engineering

### Intermediate Fsc-Pre Engineering
Roots International School

*09/2019 - 09/2020*                                          *932/1100 (Lahore)*

Core Modules
- Mathematics, Physics, Chemistry

## EXPERIENCE

### Developer Team
Google Developer Student Club

*10/2022 - Present*
*GDSC-IST is a coding society which encourages students to develop softwares.*

## CERTIFICATES

Python 3 Programming ☐

C++ ☐

Operating System and You Becoming a Power User ☐

## PROJECTS

Snake Game ☐
- This is a classic old snake game. I use the basic and simple concpet of loops, nested loops, function, variable etc to built this game. It is a simple game like the old classic if the snake head eat it tails get bigger and if the head and the tail meet then the snake will die and its game over. I develop this game on the console without a GUI with my programming knowledge.

Library Management System ☐
- This project keeps track of all of the books in the library, whether they are issued or returned, as well as all of the library's members. If a new book is added to the library, the administrator can insert it, or delete it if it is no longer available. The user can ask the admin to issue them a book, check if the book has been issued to them, and return the book. All User has their own Unique ID.

Hospital Management System ☐
- The project is designed to manage record of three main bodies of a hospital. Through this project, keeping records and their safety is easy. This project provides a clean user interface for patients, doctors, and administration. Doctors can track down their patients, upcoming appointments, and departments, etc. Vice versa for patients. Administration can easily manage other bodies through this.

Rental Agency System ☐
- Rental Agency System is a complete GUI based desktop application created using Python and SQL that deal with the user work in a rental agency. It save the data of all the houses, apartment, housing shceme, houses thier owners whose it is rented and their corssponding detail in the database which i created using the sql. The user can save, delete, view and update the data stored in the database.