



## MY CONTACT

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 Portfolio  
<https://fasihmuhammadvirk.netlify.app/>

## EDUCATION BACKGROUND

09/2020 - Present  
**Bachelor's Degree in Computer Science**  
Institute of Space Technology, Islamabad  
**CGPA - 3.15/4.0**

09/2018 - 09/2020  
**Intermediate Fsc-Pre Engineering**  
Roots International School, Lahore  
**83% - 932/1100**

## CERTIFICATES

- Python 3 Programming 
- C ++ 
- Operating System and You Becoming a Power User 
- Web Application Technologies and Django 
- Introduction to Mobile Application Development 

## EXPERTISE

- Python
- C++
- Kotlin
- REST APIs
- APIs
- HTML , CSS, JavaScript
- NodeJS
- Django
- Android Development
- SQL
- PostgresSQL
- MongoDB

## AERA OF INTEREST

- Full Stack Development
- Artificial Intelligence
- Data Science
- App Development

# Fasih Muhammad Virk

Computer Scientist

## EXPERIENCE

### ○ Software Engineer Intern

Netsol technologies inc.

07/2023 - 09/2023

**Skills:** Python (Programming Language), FastAPI, Microservice api , SQLAlchemy, PostgreSQL, Nodejs, Javascript, MongoDB

### ○ Web Application Developer

Association of Computing Machinery IST

03/2023 - Present

**Skills:** Python (Programming Language) · Django · HTML · Cascading Style Sheets (CSS), JavaScript

### ○ Developer

Google Developer Student Club

09/2021 - Present

**Skills:** Android Development · Object-Oriented Programming (OOP) · Kotlin · XML Kotlin Python (Programming Language) · Django

## PROJECTS

- **Snake Game**   
A real time board game, built in C++ using Visual Studio Code as IDE.
- **Hospital Management System**   
Automated program for hospital management, built in **C++** using Visual Studio Code as IDE.
- **Library Management System**   
Automated program for library management, built in **Python** using Visual Studio Code as IDE.
- **Rental Agency System**   
Automated program for hotel management, built in **Python, Tkinter** and implemented database concepts using **MySQL** as the environment.
- **Exam Scheduler**   
An Artificial Intelligence Desktop app that automatically generate the datesheet and sitting plan using the give data, built in **Python, Tkinter** using Visual Studio as IDE.
- **Object Detection App**   
An Android Object Detection App in Real Time, built in **kotlin** using android studio as IDE.
- **Image to Text Extraction**   
An App that extract text from the image and translate it any language, built in **Pyhton, Tkinter** using Visual Studio Code as IDE.
- **Mandi Master**   
A program to digitalize the framer buying and selling place, built in **Django** using Visula Studio Code as IDE.
- **Cab Booking System**   
Automated program for car booking management, built in **Python** using Visula Studio Code as IDE.