# Syed Hamza Ovais

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## Profile

A driven and aspiring Computer Science graduate eager to leverage and refine my skills as a developer in a dynamic environment. With a solid understanding of the industrial scope and software development life cycle, I am adept at comprehending complex tasks and fostering effective collaboration within teams' hierarchy. I bring a strong work ethic and a talent for problem-solving through innovative solutions.

## Education

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE | LAHORE GARRISON UNIVERSITY, LAHORE (2020-24)**
**CGPA: 3.1/4.00**

LAHORE GARRISON UNIVERSITY

## Skills & Tools

| Programing Languages: | Software: | Cloud base: | Other Tools: |
|---|---|---|---|
| · C, C++, C# | · Android Studio | · Fire Base | · Docker |
| · Python, Java, PHP | · React Native | · Google Cloud | · Figma |
| · Kotlin, Dart | · Flutter | · SQL | · Cisco Support |
| · HTML 5, CSS, JavaScript | · TensorFlow | · AWS | · Arduino |

## Projects

**DEEN QURAN APP | FLUTTER | SEPTEMBER 2025**
· Developed a Quran reciting and prayer time app for native support prototype of muslim pro apk using provider approach.

**BEAD 12 GAME APK | C++, C# + KOTLIN | MARCH 2025**
· Developed a traditional board game 12 bead into android apk using Unity 2d and C#.

**CROP DISEASE DETECTION MODEL| PYTHON | NOVEMBER 2024**
· This crop disease detection model uses a **CNN** built with **Keras** to classify leaf images by analyzing patterns and features. It employs functions like Conv2D, MaxPooling2D, Flatten, and Dense to extract features and make predictions accurately.

**QUIZ APP | JAVA + KOTLIN | NOVEMBER 2023**
· Developed a Quiz App for Android with Firebase and API open Triva for question pool.

**HANDWRITTEN DIGIT RECOGNITION | PYTHON | JANUARY 2023**
· Train Model using 10000h and written digits images of MNIST data set using CNN and predict on 200,5 digit Handwritten numbered image taken by mobile camera.

**CHIT CHAT APP| KOTLIN | NOVEMBER 2022**
· Developed a cross-platform Chit Chat messaging app, published on the Play Store Included real-time messaging.
· Working in progress on AI chatbot integration to enhance user interactions and automate responses.

**WIRELESS CONTROLLED MOBILE ROBOT APP | JAVA+KOTLIN | FEBRUARY 2022**
· Communication between Java and Arduino through esp-8266 external wifi module. Use TCP Protocol.

**WEB SCRAPING MODEL | PYTHON (SCRAPY, NUMPY) | FEBRUARY 2021**
· A web scraping model for data extraction from web, create a csv file, based on python: beautiful soap, scrappy and NumPy.

## Experience

**ASSISTANT FLUTTER DEVELOPER, NAQVIX LAHORE, AUGUST 2025 – PRESENT**

Worked as a Flutter Developer, developing native mobile applications with clean UI and efficient functionality. Experienced in using Provider and GetX for state management and well-versed in implementing ListView for dynamic data rendering and smooth user interfaces

**PROJECT ASSISTANCE, FREELANCE SERVICE, FEBRUARY 2025 – PRESENT**

Providing assistance in software and web application development, focusing on delivering clean, efficient code. Collaborating with clients to meet project goals, deadlines, and technical requirements.

**TEACHING ASSISTANT, LAHORE GARRISON UNIVERSITY, FEBRUARY 2024 – NOVEMBER 2024**
Worked with Dr. Muhammad Abubakr (Jiangsu University) for the assistance in Internet of Things (IOT) CSC-383 course. Providing assistance in research and development of student analytics.

**SUPPORT ASSISTANT, TECHNAMAX LAHORE, DECEMBER 2023 – FEBRUARY 2024**

Worked on support and deployment of educational portals and ERP systems under operational manager Ammar Dar.

**TRAINER, GARRISON ENGINEERING AND ROBOTICS SOCIETY (GEARS), FEBRUARY 2023 – 2024**

Worked on Arduino training and other major embedded systems modulars like Raspberry Pi etc. With Umer Ahmad (Head Robotics LGU).

## Reference

**DR. MUHAMMAD ABUBAKAR**
PhD. Jiangsu University
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**DR. MUHAMMAD ASIF**
PhD. Capital University of Science and Technology
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## Activities and Interests

Robotics, Electronics, Chess, Designing