

# Muhammad Abbas

Rising CS Junior at Habib University

Front-End Application Developer(Flutter) & Data Enthusiast

 [abbastaqvi81@gmail.com](mailto:abbastaqvi81@gmail.com)  [smabbasht](#)  923085685919  [li-abbastaqvi](#)

## EXPERIENCE

### OFFICE OF INSTITUTIONAL RESEARCH AT HABIB UNIVERSITY DATA INTERN

Aug 2021 – Sep 2021 | Karachi, Pak

- Worked on Data Collection, Cleaning, Manipulation and Organization from confidential PDF files using NumPy, Pandas and Excel.
- It was a two-month summer internship programme which entailed meeting with Dean and Program Directors, Data Collection, Cleaning, Manipulation and Organization, the model was later presented before the University President.

### EDLAB PAKISTAN DATA INTERN

Sep 2021 – Oct 2021 | Karachi, Pak

- Learned Data Analysis using Power Bi and Excel.
- Worked on Urban and Rural Educational Data Models.

## EDUCATION

### HABIB UNIVERSITY BACHELOR'S OF SCIENCE IN COMPUTER SCIENCE

Aug 2020 – Jul 2024 | Karachi, Pak

Related Courses Taken:

- OOP Design & Methodologies (C++)
- Data Structures II
- Data Structures and Algorithms
- Discrete Mathematics
- Computer Architecture (Verilog & RISC-V)

### CERTIFICATE COURSES

Udemy:

- The Complete 2021 Flutter Development Bootcamp with Dart
- Node JS API Development

Codecademy:

- Learn Node.js

DataCamp:

- Intermediate Python
- Introduction to Data Science
- Data Manipulation with Pandas
- Data Joining with Python
- Data Cleaning with Python
- Visualization with Matplotlib

GreatLearning:

- Android Application Development (Flutter)

KhanAcademy:

- Intro to HTML/CSS: Making webpages

Coursera:

- Object-Oriented Programming in Python
- FPGA Design for Embedded Systems
- Hardware Description Languages for FPGA Design

### DJ SINDH GOVT. SCIENCE COLLEGE INTERMEDIATE PRE-ENGINEERING

Aug 2018 – Jun 2020 | Karachi, Pak

- Secured A1 Grade (Overall 87.5%) in HSSC
- Participated in Inter-Collegiate Cricket Tournament

## SKILLS

### APP DEVELOPMENT

Cross-Platform

**FrontEnd:**

Flutter

**BackEnd:**

Node.js(Basic)

### PROGRAMMING LANGUAGES

Python (Expert), JavaScript (Proficient), Dart (Proficient), C++ (Proficient)

### OTHER LANGUAGES & SOFTWARES

Verilog(Proficient), HTML(Basic), CSS(Basic), LaTeX(Proficient), Markdown(Proficient), Raspberry pi(Basic), Wordpress(Proficient)  
MS Excel, MS PowerPoint, Adobe Premiere, Adobe Photoshop, Xilinx Vivado, Orcad PSpice

## PROJECTS

(Hyperlinks attached)

### E-COMMERCE STORE APP (FLUTTER)

A Flutter UI for an E-Commerce Store which handles all the dynamic screens required including products' and catalog's screens, inventory management, payment gateway and checkout screen etc.

### WASEELA WELFARE (FLUTTER - IN PROGRESS)

A Cross-Platform App to manage trust operations, it has functional admin, trustee and donor panels.

### FRUIT NINJA GAME (C++)

The Game was presented as Final Project of OOP and entails its all four pillars.

### EERTREE VISUALIZER (PY)

A Visualizer which constructs and displays Eertree(A Palindromic Data Structure) for any palindrome.

### CAR RENTAL SYSTEM (PY)

A Car rental System with Complete Admin and User Panels.

### T-REX GAME (VERILOG)

A Game for physiopatients to keep them motivated during exercise.

## COMPETITIVE PROGRAMMING

### ICPC Asia Regionals 2022

Secured 19th position, solved 4 questions.

### Google KickStart May 2022

Secured 6th position all over Pakistan, solved 2 questions.

### Google Code Jam 2022

Qualified for Round 1, (couldn't attend due to finals)