

# Muhammad Abbas

Student at Habib University

Full-Stack Application Developer [Flutter|Firebase]

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## 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

DataCamp:

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

Udemy:

- The Complete 2021 Flutter Development Bootcamp with Dart

PluralSight:

- Firebase Fundamentals
- Creating a Full-Stack App with Flutter 2 and Firebase 7

GreatLearning:

- Android Application Development (Flutter)

Coursera:

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

KhanAcademy:

- Intro to HTML/CSS: Making webpages

### 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

## PROJECTS

### SPEECH-ENABLED CHATBOT

| C#, MICROSOFT BOT FRAMEWORK

- 2018 → Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin ullamcorper venenatis nisi at suscipit. Vestibulum vel odio in diam ultrices posuere. Cras suscipit faucibus ullamcorper.
- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Proin ullamcorper venenatis nisi at suscipit.

## SKILLS

### APP DEVELOPMENT

Cross-Platform

**FrontEnd:**

Flutter

**BackEnd:**

Firebase

### PROGRAMMING LANGUAGES

Python (Expert) C++

(Proficient) Dart (Proficient)

JavaScript (Basic)

### OTHER LANGUAGES

#### & Softwares

Verilog(Proficient),

HTML(Basic), CSS(Basic),

LaTeX(Proficient),

Markdown(Proficient),

Raspberry pi(Basic)

MS Excel, MS PowerPoint,

Adobe Premiere, Adobe

Photoshop, Xilinx Vivado,

## COMPETITIONS

### ICPC Asia Regionals 2022

Secured 19th position with 4 questions solved.

### Google Code Jam 2022

Qualified for Round 1, (Didn't attempt due to Finals)

### Google KickStart May 2022

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