Muhammad Abbas

Rising CS Junior at Habib University

Flutter Application Developer & Data Enthusiast

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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

Udemy:
- ➔ The Complete 2021 Flutter Development Bootcamp with Dart

GreatLearning:
- ➔ Android Application Development (Flutter)

KhanAcademy:
- ➔ Intro to HTML/CSS: Making webpages

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

Coursera:
- ➔ Object-Oriented Programming in Python
- ➔ Hardware Description Languages for FPGA Design

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)

SKILLS

APP DEVELOPMENT
Cross-Platform
FrontEnd:
Flutter
BackEnd:
Firebase (Basic)

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

OTHER LANGUAGES & SOFTWARES
Verilog(Proficient), HTML(Basic), CSS(Basic), La-TeX(Proficient), Markdown(Proficient), Raspberry pi(Basic), Wordpress(Proficient)
MS Excel, MS PowerPoint, Adobe Premiere, Adobe Photoshop, Xilinix Vivado, Orcad PSpice

PORTFOLIO

(Hyperlinks attached)
Flutter Projects:

TODO APP
A Todolist app to keep track of all your tasks, Provider State-Management tool is used.

FLASH CHAT APP
A Modern messaging app where users can sign up and log in to chat with stunning UI and lively animations.

BITCOIN TICKER APP
a Crypto currency price checking app to monitor your bitcoin investents on the move.

CLIMA WEATHER APP
A Live weather app which gives weather data in the current location as well as for any city.

BMI CALCULATOR APP
A Multi-screen app with functionality of Body-Mass Index Calculator

QUIZZLER APP
A Quiz app with clean UI, keeps and displays the track of your live score.

XYLOPHONE APP
A Music app that plays Xylophone sounds for every Beethoven out there.

WASEELA WELFARE (IN PROGRESS)
An App to manage trust operations with functionality of admin, trustee and donor panels.
Other Projects:

FRUIT NINJA GAME (C++ - OOP)

EERTREE VISUALIZER (PY - DATA STRCTURES II)

CAR RENTAL SYSTEM (PY - DS & ALGO)

T-REX GAME (VERILOG - DIGITAL LD)