

Wajahat Maqbool Alvi

- Work and Succeed in an environment of growth and excellence.
- A great Team Player who encourages new ideas and value team feedback.
- Passionate about programming and learning new Skills.

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Education

FAST-National University of Computer and Emerging Sciences, Karachi

Bachelor of Science in Computer Science (2012 - Present)

Federal Government College, Karachi

FSc Pre-engineering (2010 - 2012)

Beaconhouse School System Juniper Campus Quetta

Olevel (2010)

Concepts

- Object Oriented Programming
- Database
- Software Engineering

Languages

- C
- C++
- Java

Skills

- Android Application Development
- MATLAB
- OpenMP
- MPI

Advance Courses

- Neural Networks
- Data Mining
- High performance Computing

Projects

FYP Research: Analyzing Motion Patterns using Multi Scale Graph based Method

- Worked on Convolutional neural network to separate videos on the basis of appearance.
- Using optical flow to found out similarities using frequent, maximum and average values on images of a video.

Toss and Solve (Unity)

- Designed two different levels.
- Developed the logic of alphabets changing.
- Created Startup menu, Splash screen and Scoring System.

Azaan and Qiblah Direction (Android)

- Created Database using SQLite.
- Report Generation Module.
- Generated Islamic date using Gregorian calendar.
- Change of Modes at some particular time.

Cric Quiz (Android)

- Created the GUI.
- Developed Scoring System, Questions, and Hints.

Lecture viewer (Android)

Achievement

- Won 3rd Position in “I am Karachi National Innovation grand Challenge” for proposing an idea on identifying an anomaly and then generating an alarm through surveillance videos.

Publication

- Research on “Relationship between the student’s preference and the demand of the subfield of Computer Science in market” published in “Proc. 12th International Conference on Statistical Sciences”.