

Ali Aftab

Computer Engineer

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EDUCATION

September 2016 – July 2021 – **Bachelors in Computer Engineering, *Comsats University Islamabad, Lahore Campus.***

August 2014 – June 2016 – **Intermediate/HSSC (FSC Pre-Engineering), *Forman Christian College, Lahore***

PROJECTS

June 2021 - **CNC Based Cost Effective Sketching Machine**
Present

Detecting and capturing a live Image of an object using pi camera and the raspberry pi will perform the image processing and send the data to the machine. The machine will sketch the image in a few minutes only.

December 2020 - **Electronic Dice game on FPGA using VHDL**

Implemented VHDL code on Quartus, produced the waveform and successfully operated on FPGA board.

January 2021 - **Android Gym and Fitness Mobile Application**

Implemented library system using Classes, interfaces and abstract classes in Android Studio and published it on Google play store.

August 2020 - **Employee Management System:** Successfully designed a website using wordpress framework, managed MySQL database and made it live locally using Xamp server.

ELECTIVES AND SKILLS

- Android App Development (Android Studio), Web Development, Human Computer Interaction, Report Writing Skills, Agile Project Management, RTES, WCS.
- Java, Python, C, C++, Android, MYSQL, Object oriented programming, Linux/Unix (Ubuntu) Systems, Raspberry Pi (Image Processing), Anaconda, Arduino Uno, Assembly, EMU8086, MATLAB, Quartus.

CERTIFICATES

September 2018 - **Android Application Development, *PNY Trainings, Arfa Software Technology Park, Lahore.***

INTERESTS

- Football Athlete
- Travelling / Tourism History (New York, Dubai, London and Hong Kong).
- Learning New Technologies and Skills.
- Sketching, Arts and Designing.
- Real Estate and Construction.