

Contact Information

Email

Asad.bsee2285@iiu.edu.pk

Address

Lakhan street 1-2, Faisal Town
HMC road Taxila.

Phone

+92311-1448814

Technical Software Skills

- Mat lab (Simulink, Gui)
- Proteus
- PCB designing
- Dev C++, Atmel Studio, keil uvision, ModelSim
- Athena
- Cisco Packet Tracer
- Microsoft Office (Word, Excel, Power Point)

Skills

- Time Management
- Team Work
- Problem Solving
- Leadership
- Adaptability
- Communication Skills

Asad Abbas

(Electronic Engineer)



I am seeking for a post of Engineer in a reputed organization to utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

Experience

PTCL	Intern
Satellite Town Rawalpindi	Understanding Power Generation and Networking Systems July 2018 – August 2018

Education

International Islamic University Islamabad 2018	BS Electronic Engineering 2014-2018, 3.11/4.00 CGPA
Wapda Cadet College Tarbela 2014	F.Sc (Pre-Engineering) 1st Division (63.64% marks) 2012-2014, Federal Board of Intermediate and Secondary Education Islamabad
Federal Government Public High School HIT Taxila Cantt 2012	Matric (Science) 1st Division (84% marks) Federal Board of Intermediate and Secondary Education Islamabad

Projects

Finale Year Project

Intelligent Cam is matlab based project used for the purpose of Advertisement to check the scope of new product. The aim of this project is to detect **face** of human, estimate **age** and predict **gender** and then take snapshot for peoples record about watching advertisement. Prediction method is used in this project and one can For the detection of face cascade.vision function is used while for extraction of features Fast and SURF method is used. These features are extracted from sample images and test image. Then the comparison between features of test images with set of train images take place. During comparison, it can predicts Age and Gender of a person and then take screenshot to save in memory

Languages

- English
- Urdu
- Pashto
- Panjabi

Personal Information

Father's Name

Jamal Noor

PEC Reg No

ELECTRO/27771

Date of Birth

21 March, 1997

Domicile

FATA

Religion

Islam

Marital Status

Single

Semester Projects

Half bridge Full Wave Invertor

In this Invertor project two Power Mosfets with Center Tap Transformer are used to get 310p-p/220 rms voltage by providing 12volt power supply. Center pin of transformer is connected to positive terminal of supply, while Ground is attached to other two pins of it using two Mosfets(alternative).

Variable Power supply (0-24)

In this project, Step down transformer is used to convert 220rms to 24 volts. The AC output of the transformer is passed through diode bridge rectifier to make it DC and capacitor is used to reduce fluctuations and make it pure DC and then potential divider is used to get variable DC voltage.

Audio Amplifier

In Audio amplifier project sound intensity level is increased up to desire limit. Audio amplifier is made by NPN transistor having a maximum current gain of 800 with Condenser Microphone.

Response of IIR low pass filter using Mat lab

Signal is analyzed and pass through low pass IIR filter and get portion of the signal having low frequencies. In low pass filter we set suitable value of poles to adjust cut-off frequency and to achieve desired response.

Other Semester Projects

- Auto Door using Ir sensor
- Water level detector and controller
- Line Following Robot
- Sound Signal Manipulation
- Temperature Controlled DC Fan

Awards & Achievements

- Class Representative in BS Electronic Engineering IIUI from 2014 - 2018
- Participation in Seminars on Modular Robotics and Smart Grid and its Applications in IIUI - 2017
- Role as an Organizer in Open House 15,16 and 17 in IIUI – 2015-16-17
- Role as Fetex'17 Registration Head in IIUI-2017
- Role as Event head of Speed wiring in Fetex'17 of IIUI in 2017

References

Dr Engr Sajjad Ahmed Ghori

Chairman, DEE, Isra University Islamabad
sajjad.ghauri@iiu.edu.pk
Cell #: 03455297769
