



UBAID-UR-REHMAN ASGHAR

ELECTRONICS ENGINEER

CONTACT ME AT

📍 Qtr# 14G-786, POFs,
Wah Cantt

✉ ubaidasghar7869110@gmail.com

☎ +923348559665

📞 +923348559665

🌐 ubaidurrehman-asghar-2801

SKILLS SUMMARY

- Project Management
- Signal Processing, Image Processing & Control Systems Modeling
- Embedded System Design & Troubleshooting
- Circuit Troubleshooting & Design
- Networking & Programming Languages
- Microcontrollers and Hardware to Software Interfacing

TECH STACK

- 📖 MATLAB, Simulink, PSpice, PROTEUS, Visual Studio
- 📖 Arduino IDE, Cisco Packet Tracer
- 📖 Multisim Circuit Suite, Altium Circuit Suite, PCB Design

PERSONAL PROFILE

I am an Electronics Engineer with comprehensive knowledge of designing, networking, coding, processing, testing, troubleshooting & modification, and hardware implementation of Electronics Systems.

WORK EXPERIENCE

Internee Engineer (Electronics)

Gujranwala Engineering Works, Gujranwala | Dec 2020 - Jan 2021

Internee Engineer (Instrumentation)

Askari Cement Co. Ltd, Wah Cantt | Aug 2021 - Sep 2021

- I had been a part of this Industry learning about the Equipment and Control used in Industrial Process for Manufacturing and Packing of Cement.

Internee Engineer (Electronics Design)

OneTronix Technology Partner, Wah Cantt | Jan 2022 - Ongoing

- Being part of this, I'm working on WiFi-Based Solar Inverter Design. Working on ESP32, ESP8266 and PCB Component Placement are my core responsibilities there.

EDUCATIONAL HISTORY

UET Taxila

Bachelors in Electronics Engineering Oct 2017 -Sep 2021

- CGPA: 2.74 out of 4.00
- Studied Digital and Analog Signal Processing, Computer Communication Networks, Digital Control Systems, C++, Digital Logic Design, Microcontrollers, Communication Systems, Digital Systems, Electronics Circuit Design, Power Electronics, Basic Electronics Engineering, Circuit Analysis and Electric Machines as our major course subjects.

F.G. Degree College for Men, Wah Cantt

F.Sc Pre-Engineering | Sep 2015 - Jul 2017

- Percentage: 76.73%

F.G. Boys Model High School, Wah Cantt

Matriculation | Apr 2013 - Jul 2015

- Percentage: 92.48%

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ELECTRONICS ENGINEER

PERSONAL CONTOUR

DOB: Jan 28,2000
Nationality: **Pakistani**
Languages: **English, Urdu**
Marital status: **Single**

REFERENCES

Dr. Abdul Basit
Assistant Professor
Electronics Department
UET Taxila
abdul.basit@uettaxila.edu.pk

Dr. Furqan Shaukat
Assistant Professor
Electronics Department
UET Taxila
furqan.shoukat@uettaxila.edu.pk

MAJOR PROJECTS

- Unmanned Ariel Vehicle Based Traffic Management and Surveillance System (FYP).
- Four-way traffic light controller designing using ARDUINO IDE and Proteus.
- Home Automation System using ARDUINO.
- FIR Filter Design for noise removal.
- Controlling the position of the QUADROTOR through MATLAB & Simulink.
- DC Power Supply.
- Amplifier, Inverter, and Chopper hardware designing of integrated circuits.
- Calculator on Visual Studio.
- Object Detection from Live Video Using MATLAB
- Controlled rectification using SCR hardware designing.
- RC Bluetooth Controlled Robot using Arduino.

ACCOMPLISHMENTS

- Appeared at BARI Innovative Research Poster Competition 2021.

MEMBERSHIPS

- Pakistan Engineering Council Registered Engineer with PEC# ELECTRO/31739.