RESUME

KHAULA AYESHA

Fresh Graduate 2018

Electrical Electronics Engineer

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EXPERIENCE

COMSATS University Islamabad (CUI)

Internship (From 15th July to 15th Sept, 2017)

- 100% Success Rate
- Worked 8 weeks
- Wrote a research paper on Ultra Wide Band (UWB) Communication.
- Detailed study on the milestones and advantages of Ultra Wide Band (UWB) Communication.
- Find solutions to utilize frequencies other than radio frequency to minimize the bandwidth usage and for high quality fast and secured transmission.
- Research projects related to Ultra Wide Band Communication.

National Electronics Complex Of Pakistan (NECOP)

Internship (From 15th June to 8th Aug, 2016)

- 100% Success Rate
- Worked 8 weeks (approx.)
- LabVIEW based projects:*like 3, 4 and 5 band resistor color code calculator, Op Amp Gain Calculator, 555 Timer's frequency, on set and off set duty cycle calculator*
- Circuit Design: Design both fixed and variable power supplies.
- PCB layouts designing using multiple softwares but mainly OrCAD and Proteus. Also work on multiple Troubleshooting softwares.

SYNOPSIS

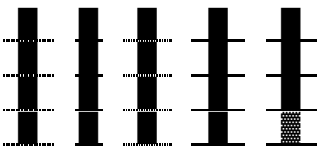
I am a hard-working, confident and highly motivated individual seeking employment as an engineer to join a career building organization where I could foster on gradual progress while performing efficiently with the best of abilities, technical knowledge, expertise, experience and loyalty. Professionally, I am technically proficient, adaptable, and able to work independently and as part of a team.

PROFESSIONAL SKILLS

ADS	LabVIEW	Picsimlab
Assembly	Latex	Proteus
AutoCAD	LT Spice	Real Pic Simulator
C++	MATLAB	Simutech
Circuitlogix	Microwind	Verilog
Dev C++	ModelSim	Vmlab
6.0	Multisim	VSPE
Flowcode	OptiSystem	Win AVR
HFFS	7.0	Xfig.
Java	OrCAD	Xilinx

PERSONAL SKILLS

Dedication
Learning
Hard work
Communication



EDUCATION

BSc in **Electrical Electronics** Engineering – 2014-18 — CCPA=3.78

FSc, **Pre-Engineering** – 2011-13 — A Grade

Matriculation– 2009-11 — A+ Grade

PROJECTS

Final Year Project

"Design and Implementation of Heart Rate Controller Design During Exercise"

Our main focus on this project was on the designing of various Controllers (PID, Lead, Lag and Cascaded Lead Lag) to control exerciser's heart rate response during exercise and implement it on MATLAB. Major outcome of our project will be published in a journal paper.

Semester Projects

- Implementation of Mini Windmill
- PID Controller Implementation on FPGA
- Speed Control of DC Motor using PID Controller on MATLAB
- Maze Following Master Slave Robots
- Modeling and Analysis of Overhead Crane System
- Buck and Boost Converter
- Azimuth Antenna Position Control System Design
- Resistor Color Coding Calculator on LABView
- Remote Control Switch
- Sound Amplifier using MOSFET
- Electricity Production Improvement Illustration: Hardware Design and PID Controller Implementation in MATLAB
- Infrared (IR) Transmitter and Receiver

EXTRACURRICULAR ACHIEVEMENTS

Report Writing	Survey report on UWB transmission
Participations	Robotics competition
	Games and physical exercises in college
	Won many prizes
Scholarships	University Life
Proctor	College and school
Drama	Won a prize in parody drama (acting) in school

REFERENCES

Brig. Dr. **Raja Fahmeed**, Dental Specialist (+92-300-5604670) (Uncle)

Maj (Retd) **Raja ManzarArfat Anwar** (+92-332-0030139) (Uncle)

Further references, if required, will be furnished as advised