
Bilal Khalid

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Personal Summary

I am a master's graduate in the field of Electrical and Electronics Engineering, from London South Bank University, with a strong passion for making a difference to people's lives. I am seeking to pursue a career in engineering by finding a role that is consistent with my past educational experiences and ability. I have the desire to represent an organisation, which has similar values to me, in an optimistic way by showing strong commitment, working hard and using my communication & team working skills to deliver new and creative solutions on time. Though challenges may lie ahead, I firmly believe I have the skills and abilities as well as the personality and ambition to go from a graduate to one of tomorrow's successful pioneering engineers.

Education & Skills

2011-2013 PUNJAB COLLEGE GUJRANWALA (PAKISTAN)

- FSC PRE ENGINEERING: Mathematics, Physics, Chemistry
- A GRADE (74.6 %)

2014 – 2018 – COMSATS Institute of Information and Technology Islamabad: Electrical Telecommunications Engineering BS honors (ET)

- 3.15 CGPA
- (Accredited by Engineering Council Pakistan)

2018 – 2019 - London South Bank University: Electrical and Electronics Engineering MSc

- Achieved: Distinction
- (Accredited by IET)

Modules Completed

- *Dissertation*: Breast Phantom Fabrication and testing using UWB Microwave Technology.
- Digital Signals Processing and Real-Time Systems.
- Advanced Instrumentation and Design
- Advanced Power Electronics and Renewable Energy.
- Technology Evaluation & Commercialisation
- Machine Learning.

Additional Skills & Projects Completed

- Skilled in MATLAB, LabView, HFSS, Fusion 360, Cisco Packet Tracer, MS Office, Machine Learning and python
- UAV Quadcopter with Manual Override using MyRIO (National Instruments and LabView).
- Voting System Using Object Oriented Programming.
- AM Modulation and Demodulation Using USPR and LabView Software.

Career Summary

Trainee Engineer at NANDIPUR Power Plant Pakistan (June 2016 – August 2016)

- Got a chance for the internship for the short period of time during my summer break.
- This job taught me the importance of being responsible and how good engineers present themselves. I was responsible for the supervision of Gas Turbines and Monitoring the PLC Controls.

Internship at CUBATOR Comsats (2017 – 2018)

- Worked with the team on Arduino based projects (Home Automation and IOT).
- Worked on LabView and MyRIO (National Instruments) for final year project and university funded project named AQUARIUM.

ASDA (Customer Services) (2018-Present)

This job has taught me a lot related to interaction with people dealing with their complaints and coming up with a solution which is beneficial both for company and consumers.

Positions of Responsibility & Skills

Class representative for Electrical Telecommunications Engineering at COMSATS.

- Lead a Senior Leadership team in organising various Robotics events.
- Worked closely with the Head of the Department and his senior staff in order to come up with solutions to problems that are faced by students within the institute.
- Assigned a special role of mentoring a group of severely underperforming students.

This role was my first step in developing my leadership skills, I learnt how to work under pressure whilst maintaining a high standard of work. My confidence skills were also hugely benefitted, and I believe that this experience taught me how to push myself further in order to achieve what I want.

Course representative for Electrical and Electronics Engineering (MSC) at University

- Being the voice of students studying in my course and taking an active role in the decisions made at university.
- Representing the opinions and interests of my peers and addressing the issues that have an impact on the quality of educational experiences at university.

This role has allowed me to gain experience in building a rapport with not only my fellow colleagues but also those that are senior to me. I was able to act as a mediator between the two; this experience has greatly enhanced my communication and problem-solving skills.

Sports

- Cricket.
- Basketball.
- Formula 1 fan.

These sports have taught me the power of team work as well as developing my skills on the pitch which transfers into my day to day life.

References

Available upon request.