

# Syed Usman Shah

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## EDUCATION:

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**Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)** 2020 – 2024  
B.S in Electrical Engineering (Electronics) **CGPA:** 3.24/4.00 (Top 10% of class)

**CIE Advanced Level - BEACONHOUSE - 2A\*'s and 2A's** 2018 – 2020  
**CIE Ordinary Level - BEACONHOUSE - 1A\* and 7A's** 2016 – 2018

**University of California, Irvine- Corporate Management via Coursera** January – February 2023  
Fundamentals of Management

## PROFESSIONAL EXPERIENCE

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**MACTECHNOLOGIES/MAQBOOL ALAM & CO. PVT. LTD. – Islamabad, Pakistan** July – August 2022

### *Quality control and HR Intern*

- Worked on operational excellence and quality assurance of manufactured products
- Inspected the entire production area and devised an end-to-end strategy to keep more profitable margins in upcoming projects
- Formulated a plan to execute and document weekly/monthly progress report of each worker.

## LEADERSHIP EXPERIENCE

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### **GIKI CONSULTING GROUP Pakistan:**

*JUNIOR CONSULTANT* 2020-Present

- In-charge of R&D for ingredients dosing department for a client (company) that aims to build the world's largest network of cloud kitchens in Pakistan. Efficiently came up with innovatory solutions to enhance the packing methods, ingredients dosing techniques and rider containers for delivering hot and cold items.

### **HAMMERHEAD GIK Institute:**

*OPERATIONS AND ELECTRICAL DEPARTMENT MEMBER* 2021 – Present

- In-charge of inspecting the progress of each member in the team. Assuring that the team members are completing the assigned task by imparted deadline.
- Research & Development in design of a fuel-efficient electric prototype vehicle for participation in Shell Eco-Marathon Asia, in Malaysia.
- Assisted the Electrical Team in designing a battery management system.
- worked with the Sponsorship Team for negotiating a deal with the influential automotive industry brand Pak wheels

### **IEEE, GIK Institute:**

*Member* 2020 – Present

- Hosted National Olympiad multiple times that consist of several technical modules.
- Aided the Executive team with inducting new members and Headed the event liasoning tasks
- Developed a task for the competitors to program microcontrollers and interface it with a compatible hardware.

## ACHIEVEMENTS

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- **PITCH THE FUTURE**  
*4th world wide amongst 130 teams*  
*2nd in Asia pacific and middle East*
- **INVITED AS A GUEST SPEAKER AT MY ALMA MATER, BEACONHOUSE.**

- BEST INTERN CERTIFICATION AT MACTECHNOLOGIES/MAQBOOL ALAM & CO. PVT. LTD
- RECOGNITION CERTIFICATE AT LUMS SPA ASPIRING PROFESSIONALS SUMMIT
- CERTIFICATION OF INTERNSHIP FOR SUMMER ASSOCIATE INTERNSHIP PROGRAMME
- CERTIFICATE OF RECOGNITION FOR SOCIAL DEVELOPMENT UNDER ROTARY CLUB OF ISLAMABAD
- APPRECIATION CERTIFICATE FOR VOLUNTEERING SERVICES FOR CDA DRIVES

## OTHER SKILLS & INTERESTS

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- Coding in Python, C++ and MATLAB. Acquainted with Machine Learning
- Corporate and business Consultancy services capabilities
- Electric prototype cars manufacturing
- All Microsoft Office apps operator
- R&D assistance
- Content/ Report writing
- Presentation specialist
- Community journalism
- Networking
- Event management
- Meeting minutes' taker
- Efficiently operate other software such as solid works, Auto-CAD, Altium designer, Lab-view, Proteus Design Suite, LT-Spice, Creo
- Interests: Travelling, Guitarist, Table tennis, Futsal.

## REFERENCES

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- **DR. WALEED TARIQ SETHI**  
Assistant Professor (HEC approved PhD Supervisor)  
[wsethi@giki.edu.pk](mailto:wsethi@giki.edu.pk)
- **DR. USMAN HABIB**  
Assistant Professor  
[usman.habib@giki.edu.pk](mailto:usman.habib@giki.edu.pk)
- **DR. MOHAMMAD AKBAR**  
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