Arham Shahzad
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EDUCATION

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology   **Sept 2020 – Present**
Bachelor's Degree in Computer Sciences
CGPA 3.14/4.00

PROFESSIONAL AND LEADERSHIP EXPERIENCE

Microsoft Learn Student Ambassador   **Jan 2023 – Present**

- Acquired Alpha Level of Ambassadorship.
- Connecting and learning with a vast Global Microsoft Learn Community while also being a part of our own local one in the form of a Microsoft Club GIK Institute, which has successfully been hosting training session every week for the past 3 months.

Project Topi – GIKI (Welfare Society)   **March 2022 – Present**
Member

- Invited 50 students from schools within Topi to our Institute, educated them about SDGs and distributed school bags amongst them.
- Organized a Blood camp in affiliation with Red Crescent Organization. 361 Bags of Blood were generously donated by the students of GIK.

The Citizens Foundation (Welfare Society)   **Aug 2018**
Volunteer Teacher

- Taught a group of twenty 10-year-old under privileged students English Language.
- Worked as part of a group of 10 people. Collectively we instructed over 200 students for 2 weeks.

AIESEC Pakistan – GIKI Chapter
Head of Recruitment and *Organizing Committee President* – Annual General Meeting & Induction Conference   **Feb 2022 – March 2022**

- Carried out an extensive 3 stage induction process alongside my team from which 20 applicants were ultimately inducted, shortlisted from 150+ sign ups.
- Set up an Organizing Committee comprising of 6 members to welcome the newly inducted and to organize a Discharge Legislation to review the progress of the 7 outgoing Executive Body members.

Team Leader – HR, Sales and Partnership Development & Public Relations   **May 2021 – Jan 2023**

- Ensured the satisfaction and positive morale of 50 members in the General Body of AIESEC in GIKI.
- Met with a Government of Pakistan Representative from KPK to discuss the possibility of bringing in at least 5 people per month from abroad on exchange programs to the KPK region.
- Sold our primary product, sending graduates to technical internships on foreign countries. In a Covid affected time, **sold 2 exchanges,** 1 to Malaysia, 1 to Tunisia.

Team Hammerhead – GIKI
Junior Member   **May 2021 – Present**

- 1st Position, Shell Eco Marathon Pakistan 2021, Electric Prototype Category, Ran the Digital Marketing Campaign within the team.
- Regional 2nd Position, Shell Pitch the Future Challenge 2022. Brainstormed and executed an idea that could revolutionize self-driving vehicles taking the team to a National Record**,** Team Global Ranking of 14th.

ACADEMIC PROJECTS AND CERTIFICATIONS

PCA Application on Landsat 8 Satellite Images

- Applied operations such as visualization, concatenation of bands, RGB visualization, separating crop cover, image reduction, and Principal Component Analysis.
- Dataset downloaded from USGS in the form of 11 bands as obtained by a Landsat 8 Satellite.

GIKI Bicycle System

- Designed A Bicycle Infrastructure developed for the campus supported with an **Android Application** created with **Flutter**.
- Marked as the 3rd Best Sophomore Year Project in the class.

Coursera Certifications – Neural Networks and Deep Learning (DeepLearning.AI), Python to Access Web Data (University of Michigan), Python Data Structures (University of Michigan), Supervised Machine Learning: Regression and Classification (University of Stanford)

SKILLS AND INTERESTS

- **Programming:** C++, Python, Flutter, Machine Learning, Android development, SQL, JSON, XML, Web Scraping and Parsing.
- **Software:** Photoshop, Android Studio, Visual Studio, Oracle, Solidworks, WordPress.
- **Soft Skills:** Content Writing, Violin.
- **Interests:** Formula 1, Writing, DOTA 2, Cricket, Motorsports, Music.