

# Haider Irfan

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## EDUCATION

September 2021 – July 2025

### GIK Institute of Engineering Sciences and Technology

Bachelor of Science | Artificial Intelligence

CGPA 3.28/4.00

- Societies: Microsoft Club GIKI, Team Foxtrot, Association for Computing Machinery (ACM)
- Relevant Courses: Data Structures and Algorithms, Database Management, Introduction to Artificial Intelligence, Object-Oriented Analysis and Design, Linear Algebra and Differential Equations

## PERSONAL PROJECTS

### REPRO (Recycling of Trash)

- Published an Android app that gives users incentives for recycling of **10** different types of trash
- Utilized libraries like Tensorflow Lite, Volley, GSON, Pyodbc, Flask and over **6** other frameworks
- **3-tier architecture** (Presentation, Application and Database Tier) is used between the app, server and database

### Microsoft Club GIKI Certificate Generator App

- Modelled an app that automates the generation and dispatching of certificates for Learning & Development sessions reducing the time and effort with **80%** accuracy
- Augmented process efficiency by **95%**
- Utilized Kotlin, XML, Python, Firebase, and CV2 library

### Team Foxtrot Attendance App

- Built an application for Android recording the attendance of different sub-teams and mailing the report via e-mail with **100%** accuracy
- Reduced time for the activity from **15 minutes to 2 minutes**
- Employed libraries like NumPy, Pandas, Volley, Pyrebase, PIL, Flask

## ACADEMIC PROJECT

### GIKI Mess Management System App

- Developed an app that has a Student Portal and an Admin Portal which makes for a more convenient and automated portal
- Streamlined a system through which students can change their mess status, add attendance via scanning the QR code and view the bill and menu reducing paperwork and labour
- Deployed using Google's Volley, Flask, psycopg2

## LEADERSHIP EXPERIENCES

### Microsoft Club GIKI - Vice President

April 2022 - Present

- Hosted 2 L&D (Learning and Development) sessions on Android Development with Kotlin & Basics of Github
- Headed the technical team of **15 people** for the first-ever **Hackathon** by Microsoft Club GIKI and within GIKI of 100+ participants
- Initiated a series of tech-based podcasts in GIKI to bridge the gap between young students and influential people within the campus and increasing the outreach of the club by **54%**

### ACM GIKI Chapter - Member

February 2022 - Present

- Organized **ICPC regional finals** in Pakistan having over **50 participant teams** comprising **150 students** and **50 coaches**
- Helped orchestrate the **ICET conference** in GIKI where students from all over Pakistan presented their research papers of **100+ participants**

### SOPHEP - Volunteer

October 2022 – February 2023

- Managed the **GIKI Model United Nations** with over **200 participants**
- Helped coordinate the **GIKI Moot Cup** having upwards **100 participants**
- Executed the GIKI Alumni Reunion garnering more than **300 Alumni**

## NOTABLE ACHIEVEMENTS

- **Runner up in North Region of Microsoft's Imagine Cup 2023** where we competed against **600+ teams** from **150** different Universities. Most of the teams were in their **Final Year, Masters or PHD** while we were in our **Sophomore Year**.
- **Runner up in Google's Dragathon.**
- **Regional Finalist for ICPC'22 and ICPC'23.**

## ADDITIONAL INFORMATION

- Soft skills include public speaking and content writing
- Technical skills include **C++, Python, Kotlin, SQL, Firebase, XML, Flask, REST APIs, TensorFlow, Figma**
- Hobbies include reading, cubing(solving Rubik's cubes), playing chess and squash