

# Fareed Rasool

Undergrad Engineer

Highly motivated and detail-oriented Junior Engineering Sciences major seeking an internship opportunity to gain hands-on experience in the field and apply theoretical knowledge to real-world problems.

fareedrasool27@gmail.com

03216006801

Islamabad, Pakistan

linkedin.com/in/fareed-rasool-4755b6269

## EDUCATION

### Engineering sciences (major in simulation and modeling)

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology

09/2020 - Present

## WORK EXPERIENCE

### Executive Member

Literary and debating society GIK

02/2021 - Present

Convener for the all Pakistan debating competition, also the liaison head for the organization

### Senior Member

English Debate Team GIK

01/2021 - Present

Lead my team to 3 external British parliamentary debate tournaments in UET FAST & KEMU. Also head of teaching new members the basics of parliamentary debates

### Chief Editor

GIK news paper

03/2021 - 05/2020

GIK's local news paper that publishes stories and writings for the students of the institute

## SKILLS

C++

Matlab,

python

Electronics

microprocessors design

Verilog

Proteus

embedded C

assembly language

Event management

public speaking

Microsoft Excel

Microsoft Word

## PERSONAL PROJECTS

### Matlab GUI based Tic-Tac-Toe

- Used GUI system in matlab to make an intelligent tic-tac-toe game

### Line-tracking automated car

- Programmed a PIC18F4550 microcontroller in embedded C to make a self driving automated line tracking car. Also designed and made its hardware

### A automated stop watch and alarm clock using verilog

- Made a proper stop watch and alarm clock using Verilog

### A python based PCA system

- A python based system to reduce the bands and size of an image

## CERTIFICATES

### FUDC

Semifinalist of the all Pakistan debating championship

### GIK Open

Presented as the convener for GIK's all Pakistan debating competition

## LANGUAGES

English

Full Professional Proficiency

Urdu

Native or Bilingual Proficiency

## INTERESTS

Writing poetry

History

Writing Fiction

Reading

Debating

Oration