

Fahad Iqbal gik.fahad@gmail.com +92 341 9847772		Address Mohallah Baba Khel Village, Thand Koi Swabi, KPK Pakistan
Objective	A hard-working, self-motivated, and open-minded individual. Currently a full-time 3rd-year student of Civil Engineering at Ghulam Ishaq Khan Institute of Engineering Sciences and Technology. I enjoy trying out new hobbies. Wherever possible, I enjoy getting involved with helping others in my community through voluntary work.	
Education	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI) Bachelors of Science in Civil Engineering CGPA: 3.74/4.00	Topi, PK 2019 - 2023
	The Quaid E Azam College For Boys Swabi Intermediate Result: 913 / 1100	Swabi, PK 2017 - 2019
Work Experience	Research Intern, Department Of Civil Engineering, GIK Institute A four weeks Internship focused on the simulation of geotechnical engineering problems using multiple software's: Abaqus, Plaxis. ** Data extraction and handling from oedometer, Triaxial test, Direct shear test. (ASTM Standards). ** Analyzing and Interpreting Data. Comparing results with FEM simulations.	Swabi, Pakistan Aug - 2021
	Engineer Intern, National Highway Authority (NHA) During these four weeks, I worked at Peshawar Northern Bypass Package II from Charsada to Warask Road 7+600 - 19+500 Km. Some key learning and tasks from my internship are: ** Reading Engineering Drawings precisely, Concrete quality, and Framework inspection. ** Ensuring proper alignment and levels for storm drains and water coarse culverts. ** Major laboratory tests for concrete strength and aggregate gradation.	Peshawar, Pakistan July - 2021
	Graphic Designer, The Catalyst GIK Incubator Graphic designer; responsible for daily graphic design content for the incubator and startups. **Designing Logos for the new startups **Designing posters and brochures for the incubator events.	City, Country Feb 2022 - Present
	Geo Polymer Concrete Based on Fly Ash An entry-level exposure to Geo Polymer Concrete. ** Mix design of Geo Polymer Concrete Based on Fly Ash, Metakaolin, Sodium Hydroxide, and Sodium Silicate. ** Analyzing the effect of various parameters on GPC strength. Water sprinkler system for the New Academic Block For the given site the project was to design an efficient water sprinkler system to cover the whole lawn. The scope of the project was to determine: ** The number of sprinklers required based on the area and radius of sprinklers. ** Piping material and head losses through on EPANET. ** Cost analysis of the whole project.	
Academic Projects		
Awards & Achievements	- Runner Up SOE Nationals 2021 - On Dean's Honor Roll (Fall 19, Fall 20, Spring 21, Fall 21) - KP Merit Scholarship GIK Institute - Best Project Award (College 2017)	
Skills	- AutoCad 2D & Civil 3D - Abaqus CAE - Plaxis 2D - Microsoft Office & Project - C++ & Python	