

FAHAD IQBAL

Civil Engineer

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Swabi, KP, Pakistan



ACADEMICS

BS. Civil Engineering

Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan

Pursuing

Faculty of Science (Fsc)

The Quaid-e-Azam Group of Schools & Colleges, Swabi, KP, Pakistan

2017- 2019

CGPA

3.74 / 4.00

Percentage

82.09 %

ACHIEVEMENTS

Runner Up SOFe National 2021
IMechE NUST Chapter

Dean Honor List: (Fall 2019-2021)
GIK Institute, Topi

KP Merit Scholarship GIK Institute
Govt. of Khyber Pakhtunkhwa

Best Project Award (College 2017)
Inter Science Expo, QPSC Swabi

PROFESSIONAL EXPERIENCE

Graphic Designer

The Catalyst GIK Incubator

02/2022 - Present Ghulam Ishaq Khan Institute

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.

Research Intern

Department Of Civil Engineering

09/2021 - 10/2021 Ghulam Ishaq Khan Institute of Engineering

A 4 weeks Internship focused on the simulation of geotechnical engineering problems using multiple software's: Abaqus, Plaxis. As well as 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.
- Data extraction and handling from oedometer, Triaxial test, Direct shear test. Lab test as per ASTM Standards.
- Analyzing and Interpreting data using machine learning algorithms. Comparing results with FEM simulations.

Engineer Intern

National Highway Authority (NHA)

08/2021 - 09/2021 NHA Regional Headquarters, Chamkani, Peshawar

Having worked on the Peshawar Northern Bypass Package II from Charsada to Warask Road (7+600 - 19+500 km) for four weeks.

Some key learning and tasks were:

- 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.

REFERENCES

Muhammad Haroon

Sub-Engineer (NESPAK)
0347-9570250

Dr. M. Ashraf Tanoli

HoD DCvE GIK Institute
matanoli@giki.edu.pk

CERTIFICATION



Microsoft Office Specialist:
Associate 2019 & 365

Issued By: Microsoft via Certiport



Autodesk Certified User:
AutoCAD 2D

Issued By: Autodesk via Certiport

JOHN
HOLLAND

Virtual Internship By
John Holland

Issued via theforage on May 6th, 2021

SOFT SKILLS

- AutoCAD 2D
- Abaqus CAE
- Autodesk Civil 3D
- C++ , Python, MATLAB
- Google Sketchup
- Microsoft Office & Project
- Photoshop / Camtasia

LINGUISTIC COMPETENCE

Pashtu (Native)

English (Native Like)

Urdu (Proficient)