

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

CGPA

3.74 / 4.00

Faculty of Science (Fsc)

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

2017- 2019

Percentage

82.09 %

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

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

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)