

Mitacs Globalink Research Internship

Curriculum Vitae

13th of September, 2026

Khan Muhammad Jaseer

ACADEMIC BACKGROUND

DEGREE	FIELD of Study	Institution	Country	Date	Grades
B.Sc	Civil Engineering	UET Peshawar	Pakistan	May 2028*	3.63 CGPA/ 4.0
HSSC	Pre-Engineering	BISE, Swat	Pakistan	June 2024	A1
SSC	Science	BISE, Swat	Pakistan	June,2022	A1

* Currently Enrolled

Certifications

Title	Organization
Introduction to the General Transit Feed Specification (GTFS) and Informal Transit System Mapping	World Bank Group
Programming for Everybody (Getting Started with Python)	University Of Michigan
Sustainable Transportation Networks and Streetscapes	John Hopkins University
Sustainable Regional Principles, Planning and Transportation	John Hopkins University
Work Smarter with Microsoft PowerPoint	Microsoft
Master Structural Design Of Buildings	Young Engineers Forum
AutoCAD Foundation and Core Drafting Mastery	EDUCBA

DESCRIPTION OF ACTIVITIES AT THE ACADEMIC INSTITUTIONS

- Student Organizer, 3rd International Conference on Climate Resilient Infrastructure and Disaster Management, 8th Oct 2025
- Participant, 3rd International Conference on Climate Resilient Infrastructure and Disaster Management, 8th Oct 2025
- Member, Institute of Civil Engineers, UET Peshawar
- Conducted a spatial and transit accessibility analysis for a commercial mall to optimize pedestrian flow and maximize foot traffic.

- Conversion of UET Bannu, Classes and Workshop into a Revit Model.
- Developed and implemented automated engineering workflows utilizing Dynamo Python scripts for complex rebar modeling.
- Authored a comprehensive 3D architectural model in Autodesk Revit and generated Conceptual external renders for a two-story residential project in Faisal Town.

AREAS OF EXPERTISE

- GTFS Analysis and Mapping
- Building Information Modelling (Revit, Navisworks, Robot Structural Analysis)
- QGIS/ArcGIS and Remote Sensing
- Python
- AutoCAD
- Mechanics Of Solids
- Structural Analysis
- Excel
- PowerPoint
- Word

Thanks to our funding partners.



Merci à nos bailleurs de fonds.

