



KIRAN AZAM

Transportation Engineer

ABOUT ME

As a Transportation Engineering student passionate about improving urban mobility and sustainable transport systems. Experienced in traffic analysis, safety audits, and applying data-driven solutions to optimize transportation networks. Dedicated to creating efficient and innovative solutions for modern transportation challenges.

☎ +92325 4938373

✉ kiranazam380@gmail.com

📍 Batapur Lahore Cantt

LANGUAGE

- English(Fluent)
- Urdu (Fluent)

SKILLS

- AutoCAD/Civil 3D
- PTV Vissim
- Synchro Sim Traffic
- Arc GIS
- SIDRA Intersection
- Etabs
- Microsoft(Word, Excel, PowerPoint)
- Python
- HY-8
- DRIP
- KenPave
- Leadership

EXPERIENCE

Internee at Urban Unit
Lahore - Pakistan

July-2024 -August-2024

- Conducted GIS spatial analysis of Lahore's public transport network to evaluate connectivity and coverage.
- Developed PTV VISSIM models for Shahrah-e-Nazria Pakistan Road, incorporating data from extensive field surveys.
- Performed statistical analysis of survey data to assess accessibility and user satisfaction at bus stops.
- Collaborated with a multidisciplinary team to ensure data accuracy and relevance for urban planning projects.

PROJECTS

Final Year Project

Title: Machine Learning Applications in Determining Travel Patterns

- The project aims to use machine learning algorithms to analyze and predict travel patterns based on various factors like traffic data, user behavior, and route preferences.
- Machine learning techniques such as regression analysis, clustering, and neural networks are applied to identify patterns and trends in travel behavior.

EDUCATION

University of Engineering and Technology Lahore

Transportation Engineering and Management
2021 - 2025

Queen Mary College Lahore

Intermediate(Pre- Engineering)
2019 - 2021

Community Grammar School

Matric (Science)
2017 - 2019

CERTIFICATIONS

- Sustainable Regional Principles, Planning and Transportation
- Process Data from Dirty to Clean
- Foundations: Data data everywhere
- Participation in Training wrokshop of Highway Design using Civil 3D

MEMBERSHIP

- General Secretary ITE UET Society