



Summair Anis

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Address: Via Montallegro 1, 16145, Genova, Italy (Work)

About me:

A foreign qualified individual willing to join a team of innovative, methodical, and motivated individuals of a leading/growing organization, offering a challenging, professional, and dynamic environment and career growth opportunities thus sharpening creative skills and encouraging initiatives ultimately contributing to achieving organizational goals and to grow professionally and thus giving ones best.

WORK EXPERIENCE

01/12/2022 – CURRENT Genova, Italy

RESEARCH FELLOW UNIVERSITY OF GENOVA

1. Modeling and Operation of Connected and Automated Vehicles
2. Movement of People and goods
3. Cost-effective solutions
4. Travel chain modelling and simulation

22/09/2022 – CURRENT Genova, Italy

TUTOR-ENGLISH LANGUAGE DEPARTMENT OF MODERN LANGUAGES AND CULTURES – DLCM, UNIVERSITY OF GENOVA, ITALY

- Online English Teaching
- Management of online English module
- Resolving queries from students

23/09/2021 – 31/07/2022 Genova, Italy

TUTOR DEPARTMENT OF MODERN LANGUAGES AND CULTURES – DLCM, UNIVERSITY OF GENOVA

- Online English Teaching
- Management of online English module
- Resolving queries of students

20/09/2021 – 17/12/2021 Genova, Italy

TEACHING SUPPORT ASSISTANT DEPARTMENT OF MECHANICAL, ENERGY, MANAGEMENT AND TRANSPORT ENGINEERING – DIME, UNIVERSITY OF GENOVA

- Transport Systems Planning
- Management of exercises of the course
- Teaching activities

01/09/2018 – 31/08/2019 Budapest, Hungary

PART TIME UNIVERSITY RESEARCHER BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS

Research-based activities on the following topics from EU projects

- Management of Potential Conflicts between Pedestrians and Autonomous vehicles
- Evaluation of Human Behavior towards the adoption of Autonomous Vehicles

27/08/2016 – 07/08/2017 Lahore, Pakistan

RESEARCH ASSOCIATE- TRANSPORT URBAN SECTOR PLANNING & MANAGEMENT SERVICES UNIT

- Development of Punjab Spatial Strategy

- For interconnectivity of regions
- New investments and provisions of transportation facilities
- Vissim, Visum and GIS Modeling
- Public transport accessibility levels study
- Development of public transport accessibility index
- Development of freight accessibility index
- Social exclusion of public transport
- Parking design and management for pedestrian safety
- Traffic impact assessment studies

● EDUCATION AND TRAINING

01/02/2022 – 30/07/2022 Barcelona, Spain

PHD RESEARCH EXCHANGE STUDENT Universitat Politècnica de Catalunya

Address Barcelona, Spain | **Website** <https://deca.upc.edu/en>

01/11/2019 – 31/10/2022 Genova, Italy

PHD - LOGISTICS AND TRANSPORTATION (DEFENSE SCHEDULED IN JAN 2023) University of Genoa

Address Genova, Italy | **Website** <https://cieli.unige.it/node/1050>

01/09/2017 – 31/07/2019 Budapest, Hungary

MASTERS OF TRANSPORTATION ENGINEERING Budapest University of Technology and Economics

Address Budapest, Hungary | **Website** <https://transportation.bme.hu/>

01/09/2012 – 31/07/2016 Lahore, Pakistan

BACHELORS OF TRANSPORTATION ENGINEERING WITH HONORS (TWO GOLD MEDALS) University of Engineering and Technology

Address Lahore, Pakistan | **Website** <https://www.uet.edu.pk/>

● LANGUAGE SKILLS

Mother tongue(s): **URDU** | **PUNJABI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
ITALIAN	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Office | Microsoft Excel | Google Drive | Microsoft Powerpoint | Good listener and communicator | WhatsApp | Creativity | Decision-making | Time Management | Vissum | Vissim | Arc GIS | HCS | SIDRA Intersections | Synchro Studio | Autocad | Cad Civil 3d | MD Solids | Reconnaissance Dips | Kenpave | Primavera Project Management | C++ | SPSS | IBM CPLEX

● ADDITIONAL INFORMATION

PUBLICATIONS

[Management of Public Transportation Demand and Maximization of Operator Revenues using Car Sharing as a Sup-plement to Public Transport Systems](#)

– 2022

IEEE 8th annual conference SCSP 2022 - Smart Cities Symposium Prague, Prague, Czech Republic

A Framework for the Evaluation of the effect of Car Sharing System on the Connectivity and Accessibility Index of Public Transit Systems

– 2021

5th International Conference on Intelligent Traffic and Transportation (ICITT 2021), Paris, France

Oral Presentation

[A Methodological Framework for Public Transport Accessibility Index](#) – 2021

IEEE 7th annual conference SCSP 2021 - Smart Cities Symposium Prague, Prague, Czech Republic

[Methodological Framework for the Evaluation of Critical Systems in Public Transit Systems](#) – 2020

IEEE International Conference on Intelligent Transportation Systems (ITSC-2020), Rhode, Greece

[Management of Potential Conflicts between Pedestrians and Autonomous Vehicles](#) – 2019

IEEE 5th annual conference SCSP 2019 - Smart Cities Symposium Prague, Prague, Czech Republic

CONFERENCES AND SEMINARS

Budapest University of Technology and Economics, Hungary

Road safety and Intelligent Transport Solution

Urban Unit, Pakistan

Qualitative Research Methodologies and Data Analysis using Nvivo

Urban Unit, Pakistan

Connectivity-Where the Gap Goes?

Urban Unit, Pakistan

Industrial Policy and Regulations

Urban Unit, Pakistan

Punjab Road Policy

Urban Unit, Pakistan

In house training on Visum & Vissim

RECOMMENDATIONS

Will be furnished upon request

PROJECTS

Reviewer of the Journal and Conference Papers

- "Trails Mobility Model" in Simulation: Transactions of the Society for Modelling and Simulation International
- "Collaborative Strategic and Tactical Planning for One-way Station-based Carsharing Systems with Trip Selection and Vehicle Relocation" in Transportation Letters: The International Journal of Transportation Research
- "A Congestion Detection Frame-work based on Vehicle-Counter CNN and Self-Learning Critical Density Approach" in 24th IEEE International Conference on Intelligent Transportation - ITSC2021 September 19-22, 2021; Indianapolis, IN, United States
- "Construction of One-Way Car Sharing System Considering Coalition Rationality based on Mechanism Design" in IEEE Transactions on Control of Network Systems
- "A Comparative Scenario of Traffic Congestion in Munich & Berlin Based on Floating Car Data-Tomtom (Before/during the Pandemic Situation of Covid-19)" in 7th International IEEE Conference on Models and Technologies for Intelligent Transportation Systems

HONOURS AND AWARDS

Second position in TDK conference – Budapest University of Technology and Economics, Hungary

HEC Stipendium Hungaricum Scholarship holder – Higher Education Commission, Pakistan

University of Engineering and Technology Gold Medal – University of Engineering and Technology, Pakistan First position Bachelors Degree Program

Dr. Tanvir Iqbal Qayyum Gold Medal – University of Engineering and Technology, Pakistan First position in the last year Bachelors Degree Program

COMMUNICATION AND INTERPERSONAL SKILLS

Interests

- Architecture design and three-dimensional modeling
- English literature and psychological studies
- Modeling and simulations
- Road safety, vehicle safety, highway safety, and pedestrian flow
- Traffic engineering, transport planning, and management

Skills

- Quick learner with adoption to any environment in a few days
- Learner of the experiences from difficult situations in life
- Experience in using software and programming languages
- Good at team working, leadership skills, and communication skills
- Effective time management, stress management, and prioritizing the tasks to achieve deadlines

VOLUNTEERING

15/06/2015 – 15/07/2015 Traffic Engineering & Transport Planning Agency, TEPA, LDA, Lahore, Pakistan

Internee Engineer

- Study of PC-I estimations and project drawing
- Site visits of the ongoing projects
- Working knowledge of software like Sidra, HCS and Synchro

15/06/2014 – 15/07/2014 Akhuwat, Lahore, Pakistan

Volunteer

- Volunteer activities under the kind supervision of Dr. Amjad Saqib
- Field visits and fund-raising activities