



## Ishrat Fatima

**Date of birth:** 28/01/1992 | **Nationality:** Pakistani | **Gender:** Female | **Phone**

**number:** (+39) 3428377374 (Mobile) | **Email address:** [ishratf220@gmail.com](mailto:ishratf220@gmail.com) |

**Address:** Rolle , Via Emilia 1 Veneria Reale, 10127, Veneria Reale, Italy (Home)

### About me:

I have a clear, logical mind with a practical approach to problem-solving and a drive to see things through to completion. I am eager to learn. I enjoy overcoming challenges. I would like to work with other professionals in data science to improve my skills which will allow me to further contribute in practical fields.

## WORK EXPERIENCE

18/05/2013 – 11/05/2016

**LAB ASSISTANT** MASHAL DEGREE COLLEGE

maintenance of lab equipment .  
performance of lab experiments.

**Address** Wah Cantt, Pakistan

11/05/2016 – 25/02/2017

**SECONDARY EDUCATION TEACHING PROFESSIONAL** THE EDUCATORS

Management of mathematics class.  
Organization of syllabus w.r t schedule.

**Address** Rawalpindi, Pakistan

25/02/2017 – 25/02/2018

**TEACHING ASSISTANT** COMSATS UNIVERSITY

Maintenance of department files.  
Assistance in maths lectures.

**Address** Islamabad, Pakistan

## EDUCATION AND TRAINING

01/01/2022 – CURRENT Italy

**PHD SCHOLAR** Università degli Studi di Torino

PhD student in Modeling and data science department. I analyzed Italian procurement data by NLP techniques using BERT. I am working on machine learning techniques to build recommendation system for tenders data published in Italian language.

**Address** Torino , Italy

01/04/2018 – 05/08/2018 Heidelberg, Germany

**MPHIL RESEARCH AS ERASMUS + SCHOLAR IN GERMANY** Heidelberg University, Germany

During my Master program, I have been part of HGS MathComp, Germany (<http://www.mathcomp.uni-heidelberg.de/programs/post-bachelor-program/pbp13000/>) under the supervision of Prof. Peter Bastian

(<https://conan.iwr.uni-heidelberg.de>). I learned Distributed and Unified Numerics Environment (DUNE) software for solving partial differential equations with grid based methods.

**Address** Heidelberg, Germany | **National classification** M.Phil Research

25/01/2017 – 25/02/2019 Islamabad, Pakistan

**MASTERS OF PHILOSOPHY IN MATHEMATICS** COMSATS University

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During MS, I have worked on project "Imposed pressure driven flow in peristalsis" under the supervision of Prof. Dr. Saleem Asghar ([https://www.researchgate.net/profile/Saleem\\_Asgar](https://www.researchgate.net/profile/Saleem_Asgar)).

**Address** Islamabad, Pakistan | **National classification** M.Phil

20/01/2014 – 25/02/2016 Islamabad, Pakistan

**MASTERS OF SCIENCE IN MATHEMATICS** RIPHAH International University.

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Mathematics

**Address** Islamabad, Pakistan | **National classification** M.Sc ( 2 years)

06/10/2011 – 25/08/2013 Lahore, Pakistan

**BACHELORS OF SCIENCE.** Punjab University

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Maths, Stats, Computer Science.

**Address** Lahore, Pakistan | **National classification** B.Sc (2 years)

## ● LANGUAGE SKILLS

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Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	B2	B1	B1	B1	B2

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

## ● DIGITAL SKILLS

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Moderate skills in MATLAB and MATLAB Simulink | Data Science Data Analytics Data Visualization | Programming languages (Python and R program)

## ● ADDITIONAL INFORMATION

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### PUBLICATIONS

**Imposed Pressure Driven Flow in Peristalsis** – 2020

Published in Advances in Mechanical Engineering

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Link <https://doi.org/10.1177/1687814020971063>

### RECOMMENDATIONS

**Prof. Dr. Saleem Asghar**

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Masters supervisor

**Email** [sasghar@comsats.edu.pk](mailto:sasghar@comsats.edu.pk)

**Rosa Meo**

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PhD Supervisor

**Email** [meo@di.unito.it](mailto:meo@di.unito.it)

**Link** <https://www.matematica.unito.it/do/docenti.pl/Alias?rosa.meo#tab-profilo>