



Faria Ferooz

Nationality: Pakistani **Date of birth:**

Gender: Female

Phone number:

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Skype:

Home:

ABOUT ME

To give my best knowledge and work enthusiastically in team to achieve goal of the organization and provide innovative ideas. To utilize my technical skills for achieving the target and developing the best performance in the organization I would like to implement my innovative ideas, skills and creativity for accomplishing the project.

EDUCATION AND TRAINING

PhD in Law Science and Technology

Alma Mater Studiorum - Università di Bologna [01/11/2021 – 31/10/2024]

Address: Via Galliera, 3, 40121 Bologna BO, Italy, 40121 Bologna (Italy) | Website: <https://www.unibo.it/it>

PhD in Computer Science

University of Luxembourg [01/11/2022 – 31/07/2023]

Address: 2 Av. de l'Universite, 4365 Esch-sur-Alzette (Luxembourg) | Website: <https://www.uni.lu/>

MS-(Software Engineering) CGPA: 3.94/4

School of Systems and Technology, University of Management and Technology (UMT) [25/01/2017 – 25/01/2019]

Address: C-II Block C 2 Phase 1 Johar Town, Lahore, Punjab 54770, 54000 Lahore (Pakistan) | Website: <https://sst.umat.edu.pk/>

BS-(Software Engineering) CGPA: 3.74/4

School of Systems and Technology, University of Management and Technology (UMT) [25/10/2012 – 14/11/2016]

Address: C-II Block C 2 Phase 1 Johar Town, Lahore, Punjab 54770, 54000 Lahore (Pakistan) | Website: <https://sst.umat.edu.pk/>

ICS (Physics, Math, Computer) Grade: A

ILM College of Commerce [10/08/2010 – 15/06/2012]

Address: Rehmat-ul-Alamin Rd, Shamsheer Colony, Sargodha, Punjab, 40100 Sargodha (Pakistan) | Website: <https://ilm.edu.pk/>

WORK EXPERIENCE

University lecturer

University of Management and Technology (UMT) [01/10/2019 – 31/10/2021]

City: Lahore | Country: Pakistan

-Plan & prepare teaching materials for courses

- Deliver Lectures
- Supervise Final Year Projects
- Advise Students

University lecturer

University of South Asia (USA) [13/10/2016 – 14/11/2019]

City: Lahore | Country: Pakistan

- Planned & Prepared Lecture Content
- Delivered Lectures
- Supervised Final Year Projects
- Advised Students

Higher education instructor

FAST NUCES [25/08/2016 – 31/12/2016]

City: Lahore | Country: Pakistan

- Planned and Prepared Students Manuals
- Conducted Labs
- Evaluate Student Assessments
- Guide Students in Programming

PUBLICATIONS

[2022]

[Risk and Pattern Analysis of Pakistani Crime Data Using Unsupervised Learning Techniques](#)

Ferooz, F.; Hassan, M.T.; Mahmood, S.; Asim, H.; Idrees, M.; Assam, M.; Mohamed, A.; Attia, E.-A.

[2022]

[Privacy-Aware Genetic Algorithm based Data Security Framework for Distributed Cloud Storage](#)

Kamal, M., Amin, S., Ferrooz, F., Awan, M. J., Mohammed, M. A., Al-Boridi, O., & Abdulkareem, K.

[2022]

[Context-Free Grammar of a New Programming Language for Teaching and Learning](#)

Qureshi, M. A., Asif, M., & Feroz, F. (2022). Context-Free Grammar

[2021]

[Suicide Bomb Attack Identification and Analytics through Data Mining Techniques](#)

Ferooz, F.; Hassan, M.T.; Awan, M.J.; Nobanee, H.; Kamal, M.; Yasin, A.; Zain, A.M.

[2021]

[Exploiting Temporal Information of Videos for Facial Landmark Detection: A Modified SDM](#)

Rashid, I., Basharat, S., Ferrooz, F., & Raza, S. F. (2021, November).

[2021]

[Facebook Marketing Analytics](#)

Wajid, A., Ferrooz, F., & Rashid, I. (2021, November). Identification of factors effecting Covid-19.

[2021]

[Identification of factors effecting Covid-19](#)

Wajid, Afifa, Faria Ferrooz, and Iqra Rashid. "Identification of factors effecting Covid 19

[2019]

Person Fall Recognition by using Deep Learning: Convolutional Neural Networks and Image Category Classification using bag of features

Ferooz, F., Ashraf, M.A., Hussain, W., Butt, A.H. and Khan, Y.D., 2019, November. Person Fall Recog
[2019]

An exposition on the application of Locality Aware Scheduling Algorithms

Hussain, W., Ashraf, M.A., Ferrooz, F., Butt, A.H. and Khan, Y.D., 2019, November. An exposition on
[2019]

WSN Operating Systems for Internet of Things(IOT): A Survey

Yaqoob, A., Ashraf, M.A., Ferrooz, F., Butt, A.H. and Khan, Y.D., 2019, November. WSN Operating Syst

PROJECTS

MOSAICO Project The MOSAICO project goal is to manage heterogeneous descriptions of medieval codex images and metadata. <http://mosaico.cirsfid.unibo.it/portal>

[11/01/2023 – 15/12/2023]

Code Red Protection for victims Translated complex legal texts into Urdu language, supporting the dissemination of the 2019 Red Code law and 2021 Cartabia reform through an innovative legal design platform. <https://u2.cirsfid.unibo.it/codicerosso/>

[04/03/2022 – 31/07/2022]

HISTORICAE MEMORIAE ALMAE MATRIS ALMA MATRIS MAGISTRORUM This is the personal data archive of the professors who have taught at the University of Bologna School of Law from 1880 to the present day. <http://mozart.cirsfid.unibo.it/history/>

[06/01/2015 – 07/03/2015]

Guess Movie App (Android Application) In the movie application, random pictures from movies appear, and you have to guess the movie. If you guess correctly, your score will increase, and you will receive more information about the movie.

[01/08/2015 – 25/08/2016]

Online Rent a Property (Web Application) It is a web-based project where you can find and book desirable destinations from the comfort of your home.

Programming Languages: PHP, Blade, HTML5, Bootstrap, CSS

Frame Work: Laravel 5.1

[01/08/2014 – 25/12/2014]

Hostel Management System (Desktop Based Application) The Hostel Management System is developed to support the Hostel Management team by enabling them to save records of students regarding their rooms, mess, fees, etc.

Programming Languages: Java

Frame Work: NetBeans

Database: MySQL

[12/03/2015 – 05/05/2015]

Chatter App (Android Application) In the Chatter App for Android, every user can create an account, add friends, and chat with them.

[25/05/2015 – 03/08/2015]

Sunshine App (Android Application) In the Sunshine app for Android, an application is provided where all data related to the weather is available. Users can check the data by selecting their city; the weekly data will be available there.

SUMMER SCHOOLS

[04/09/2023 – 09/09/2023]

Summer School LEX 2023

Topics covered included XML and web technologies, URI, RDF, and OWL, as well as metadata, legal knowledge modeling, argumentation, and linguistic and legal ontologies. I gained hands-on experience in legal markup using Akoma Ntoso and LegalRuleML, along with practical sessions in designing and utilizing ontologies.

[12/06/2023 – 16/06/2023]

Digital Humanities and Digital Communication: AI and new Literacies

The training on Digital Humanities and Digital Communication focusing on AI and new literacies provides an opportunity to gain in-depth knowledge and skills in utilizing AI and digital tools for studying and analyzing various aspects of human communication, language, and culture. It has enhanced research methodologies, improved data analysis techniques, and explored new interdisciplinary collaboration avenues.

[03/07/2022 – 09/07/2022]

3rd International Semantic Web Research School

TOPICS:

F.A.I.R. Knowledge Graphs, Machine (and Deep) Learning, Linked Data, Knowledge Graph Engineering with Ontology Design Patterns, Blockchain, Human in the Loop, Data Intelligence, Querying & Reasoning, Knowledge Graph learning and production, Natural Language Processing, Empirical analyses on the Semantic Web, Distributed, Decentralised Semantic Web.

[22/03/2022 – 29/03/2022]

Akoma Ntoso Summer School (Legislative XML Training)

This comprehensive training covered various aspects of Akoma Ntoso, including sophisticated content models, document metadata, normative references, modifications management, and customization.

WINTER SCHOOLS

[01/02/2024 – 15/02/2024]

The European Research Infrastructures and Core Facilities in the European Research Area: An Introduction

The summer school on Research Infrastructures (RI) provided an in-depth understanding of the interdisciplinary work and management within RIs. It emphasized their role in Responsible Research and Innovation in Europe and their contributions to Open Science. Throughout the course, we explored the socio-economic impacts of RIs, with specialized applications in Social Sciences and Humanities, Physical Sciences, Engineering, and Life Sciences. This included practical training on managing a bio-imaging facility, which enhanced my research methodologies and fostered interdisciplinary collaboration.

[16/02/2024 – 06/03/2024]

Research data management and policies in Research Performing Organizations and Research Infrastructures

The summer school on Research Data Management delves deeply into the creation and implementation of effective data policies, covering areas such as the FAIR principles, licensing, essential infrastructures like repositories, human resource considerations, Data Management Plans, and the handling of personal and sensitive data. It aims to enhance the participants' understanding of the complete Data Lifecycle, supported by practical exercises and insights into ethical and legal aspects of data management. This program not only broadens research methodologies but also fosters new interdisciplinary collaborations, significantly improving data analysis techniques.

CONFERENCES AND SEMINARS

[30/01/2023] University of Luxembourg

Data Privacy Day

[18/02/2022] online, Webex

DESIGN FICTION IN DATA PROTECTION" ESTELLE HARY, DESIGN AT CNIL'S INNOVATION AND FORESIGHT LAB

[04/04/2022] CIRSFID, Via Galliera 3, Bologna – Sala Kelsen

The Artificial Intelligence Act Proposal and its implications for consumers

[31/03/2022 – 05/04/2022] CIRSFID, Via Galliera 3, Bologna – Sala Kelsen

The Consumer and the Law in the new European Digital Order

[12/10/2022] Aula Dottorandi ex emeroteca, Torretta SDE, Strada Maggiore 45 Bologna

Digital Cultural Heritage and the Digital Single Market

[17/10/2022] Aula Dottorandi ex emeroteca, Torretta SDE, Strada Maggiore 45 Bologna

Jean Monnet Chair of Digital Market Law (E-DSM)

[13/10/2022] online zoom

First EDELNet online PhD Conference on Climate Change, Public Control and Human Rights: Legal Scholarship in the Face of Current Global

[09/11/2021 – 10/11/2021] Online, Zoom

2021 International Conference on Innovative Computing (ICIC) Presented my research papers that were accepted for submission.

[01/11/2019 – 02/11/2019] C-II Block C 2 Phase 1 Johar Town, Lahore, Punjab 54770 54000 Lahore Pakistan

2nd International conference on innovative computing Presented Research Papers in 2nd International conference on innovative computing organized at University of Management and Technology, Lahore

SCHOLARSHIPS

[01/04/2023 – 30/06/2023]

Research Marco Polo Programme (n. 2, 2022)

Mobility scholarship awarded based on merit (on 25.01.2023), funded by the University of Bologna (DSG - Dipartimento di Scienze giuridiche) to conduct research activities abroad for UniBo researchers.

TEACHING ACTIVITIES

Course Taught: Data Science for Humanities (7.5 hours teaching)

University of Luxembourg

[27/11/2023]

Guest Lecture for Machine Learning Course

Topic: Impact of AI in Medieval Manuscript Preservation and Analysis

University of Luxembourg

ORGANISATIONAL SKILLS

PROTECTION OF PERSONAL DATA – TRAINING COURSE FOR TEACHERS, RESEARCHERS, PHD STUDENTS, RESEARCH FELLOWSHIPS AND COLLABORATORS

Module 1 – Safety General Training

MODULE 2 – SAFETY SPECIFIC TRAINING - LOW RISK

TOOLS AND SKILLS

Operating Systems:

Windows, Linux

Languages:

Java, C++, JavaScript, HTML, MYSQL, CSS, PHP, Ruby on Rails, Android, MATLAB, Python, R, SPARQL

Development Tools:

NetBeans, WAMP, Xampp, Android Studio, SQL Server, Protege, Google Colab, Graph-DB, Amnesia, Weka

QA Tools:

J-Unit, J-Profiler, Find Bug, Selenium

Configurations:

GitHub, Zenodo, GitLab

Others:

MS Office, Visual Studio, Rational Rose, Import.io, Graffoo, ArcGIS, ARGOS

HONOURS AND AWARDS

[01/04/2019] University of Management and Technology (UMT), Lahore

Secured first position in MS-Software Engineering Batch

[05/03/2012] ILM College of Commerce, Sargodha

Won Quiz Competition

[08/11/2019] Pak China Center Islamabad

Received Project Award in LIFT Pakistan (Jump Start)

HOBBIES AND INTERESTS

Developing Websites and Games

Painting

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

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