

# MARIAM MEMON

**Mailing Address:**

Flat No. 508, Block C, Abdullah Sports Tower,  
Qasimabad, Hyderabad, 71000, Sindh, Pakistan.

**Contact Info:**

Skype: mariam-jawaid

Email: [mariamjawaidmemon@gmail.com](mailto:mariamjawaidmemon@gmail.com)

Cell No.: +92-303-3404266

## PERSONAL PROFILE

Competent and hard working. Have keen interest in research and development in the field of Software Engineering.

## AREAS OF INTEREST

Data Mining, Data Analytics, Mobile Application Development (Cross-Platform and Native), Programming, Human Computer Interaction, Fintech.

## PROFESSIONAL EXPERIENCE

Mar 2018-Present	<b>Lecturer</b> Department of Software Engineering, Mehran UET, Jamshoro <b>Courses taught:</b> Object-oriented programming, Data Structures & Algorithms, Mobile Application Development, Formal Methods in Software Engineering, Distributed Computing.
Apr 2017-Mar 2018	<b>Junior PeopleSoft Consultant</b> Liaquat University of Medical & Health Sciences, Jamshoro
Jan-Mar 2017	<b>Project Based Android Developer</b> CIC Hub, Hyderabad
Jun-Aug 2015	<b>Internee – Android Developer</b> Codex Solutions, Hyderabad

## RESEARCH PUBLICATIONS

S.No.	Research Paper Title	Authors	Name of Journal/ Conference	Publication Date
1	Scrutinizing Outcome Assessment of Outcome based Education using QOBE in Engineering Education	Sania Bhatti, Mariam Memon, Areej Fatemah Meghji	International Journal of Innovation in Teaching and Learning (IJITL)	Jun 2023
2	Feature-Based Semi-Supervised Learning Approach to Android Malware Detection	Mariam Memon, Adeel Ahmed Unar, Syed Saad Ahmed, Ghulam Hussain Daudpoto, Rabeea Jaffari	2nd International Conference on Emerging Trends in Electronic and Telecommunication Engineering	Apr 2023
3	Bibliometric Analysis of Information and Communication Technology Research in Pakistan	Mariam Memon, Sania Bhatti, Mohsin Memon	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	Feb 2021

4	A Context-aware Solution to locate Objects using Google Awareness API	Maheen Gul, Isma Farah Siddiqui, Shafiya Memon, Mariam Memon	The 12th International Conference on Internet (ICONI 2020)	Dec 2020
5	LERNEN: Connecting Professionals and Students	Memoona Sami, Junaid Baloch, Mariam Memon, Rabeea Jaffari, Dr. Isma Farah	The 14th Asia Pacific International Conference on Information Science and Technology (APIC-IST 2019)	Jun 2019

### UNDERGRADUATE FINAL YEAR PROJECTS SUPERVISED

S.No.	Project Title	Year
1	Spot Holder	2023
2	Reliable Safety App	2023
3	Web Application using Microservices Architecture	2023
4	Mobile Wallet	2022
5	Image Search Engine	2022
6	A Decentralized Military Grade Encrypted Chat App using Blockchain Technology	2022
7	Feature-Based Semi-Supervised Learning to Detect Malware in Android	2021
8	Covid-19 Test Recommender with Cough Sensing	2021
9	RentX – An online C2C rent service application for Pakistan	2020
10	Fleet Management System for for SSGC Operational Vehicles	2020
11	OBE based Classroom Management System for Department of Software Engineering	2020
12	Efficient Route Tracking for Delivery of Cooked Food	2019

### ACADEMIC PROFILE

Year	Qualification	GPA/Percentage
2021	M.E (Software Engineering) Mehran University of Engineering & Technology, Jamshoro	4.00 CGPA
2016	B.E (Software Engineering) Mehran University of Engineering & Technology, Jamshoro	3.98 CGPA
2012	Intermediate - H.S.C (Pre-Engineering) B.I.S.E, Hyderabad	83.27%
2010	Matriculation - S.S.C (Computer Science) B.I.S.E, Hyderabad	87.65%

### SKILLS SET

- **Mobile Development Technologies:** Flutter, Android
- **User Interface:** XML, HTML, CSS, Bootstrap
- **Programming Languages:** Dart, JAVA, C#, C++
- **Scripting:** JavaScript, PHP, Python(Basics)
- **Frameworks:** Spring Framework, ASP.NET MVC
- **Libraries/APIs:** JQuery, Google APIs (Maps, Awareness, Location, Geofencing)
- **Database:** Cloud Firestore, MS SQL Server, My SQL, SQLite Database

- **Development Tools/IDE:** Visual Studio Code, Android Studio, Eclipse, NetBeans.
- **Servers:** Firebase, Google Cloud Platform, Apache XAMP
- **Documentation:** Technical Report Writing, Software Requirements Specification
- **Modeling tools:** Rational Rose, Star UML, USE 4.2.0
- **Modeling Languages:** Object Constraint Language, Alloy Modeling Language, Java Modeling Language

## PROFESSIONAL ACTIVITIES

- Team member – Self-assessment Manual for Department of Software Engineering
- Team member – Departmental Outcome based Education (OBE) Committee
- Head Developer – Department Web Development Team.
- Department Focal Person & Trainer – Q-OBE Software for OBE based results.
- Class Advisor – Batch of 2023

## AWARDS AND ACHIEVEMENTS

- **Gold Medal** (1<sup>st</sup> Position in Faculty of Electrical, Electronics and Computer Systems Engineering).
- **Silver Medal** (1<sup>st</sup> Position in B.E Software Engineering)
- Received **Merit Scholarships** for securing positions during graduation.

## VOLUNTEER WORK

- Received Certificate of Active Citizen from British Council for Participating in Citizenship Education and Community Engagement Program on “Active Citizenship” 2016
- Received Certificate of Appreciation for my contribution as a Volunteer at the Big Event Pakistan 2015.
- Received Certificate of Appreciation for my contribution as a Volunteer in WWF-Pakistan’s ECO Internship Program.

## REFERENCES

**Dr. Naeem Mahoto**  
 Chairman  
 Department of Software Engineering,  
 Mehran University of Engineering &  
 Technology, Jamshoro  
 Email: [naeem.mahoto@faculty.muuet.edu.pk](mailto:naeem.mahoto@faculty.muuet.edu.pk)

**Prof. Dr. Sania Bhatti**  
 Professor  
 Department of Software Engineering,  
 Mehran University of Engineering &  
 Technology, Jamshoro  
 Email: [sania.bhatti@faculty.muuet.edu.pk](mailto:sania.bhatti@faculty.muuet.edu.pk)