

FAIZAN ABBAS

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Objective

Develop professional skills of teaching students of every age by providing practical-based learning. To offer quality education to students and encourage creativity and higher order thinking to increase their performance.

Academic Qualification

Master in Computer Science, MSCS (CGPA 3.59/4)

International Islamic University, Islamabad

Master of Computer Science, MCS (CGPA 3.26/4)

PMAS-University of Arid Agriculture, Rawalpindi

Research Publication in HEC W - Platinum Category (IF 6.125)

A. Daud, **F. Abbas**, T. Amjad, A. A. Alshdadi, and J. S. Alowibdi, "[Finding rising stars through hot topics detection](#)", Future Generation Computer Systems, Volume 115, February 2021, Pages 798-813.

University Experience

Academic Achievements

- During my **more-than 6-years & 9-months of Teaching & Industrial career**, I Created and implemented innovative programming lesson plans and activities by increasing student learning motivation and effectiveness.
- YouTube Channel [Programming with Faizan](#), contains Java, Android, and Database (SQL) Tutorials.
- [Dream SQL Client](#) (Mobile based SQL-Browser available on Google Play store for Android users only), which contains more-than 100 Questions & Answers of **SQLite**, **Java Stream** & **C# LINQ** Queries.

Taught in Universities

- National University of Technology, Islamabad
Lecturer (Spring 2020 – **Date**)
- PMAS-University of Arid Agriculture, Rawalpindi
Visiting Faculty (Fall 2020), Teaching Assistant (Fall 2014, Spring 2015)
- SZABIST University, Islamabad Campus
Visiting Faculty (Fall 2019)
- Barani Institute of Information Technology, Rawalpindi
Lecturer (Fall 2018, Fall 2019)

Taught Courses

- Java, Mobile App Development, Mobile Computing, Database Systems, C++
- Analysis of Algorithms, Theory of Automata, Introduction to Computer

Area of Interest

- Programming Languages e.g. JAVA, Dart, C++, C#, PHP
- Mobile Application Development, Database Systems
- Data Structure and Algorithms, Analysis of Algorithms
- Theory of Automata, Data Mining, Pattern Recognition

Industrial Experience

Industrial Achievements

I worked as a team member on Telenor, EasyPaisa and Ufone Project of Pakistan & BMW and Volkswagen Project of Germany and many more Java (J2EE) & Android projects.

- Worked as a Java, Senior Java (J2EE) Developer at [Rasant Solutions, Rawalpindi, Pakistan](#) which is sub-branch of [TTR-Group, Frankfurt, Germany](#)

Jan 2016 – Sep 2018

- Worked as a Junior Java (J2EE) Developer at [Evamp & Saanga, Islamabad, Pakistan](#)

Sep 2015 -- Dec 2015

- Working as a **Freelancer** in Java and Android Technologies.

Jan 2013 -- **Date**

Technical Knowledge

Languages & Database

- JAVA, Dart, C++, Python, Groovy
- MySQL, MS SQL, SQLite, MongoDB

Tools & Technology

- Eclipse, MyEclipse, NetBeans, AndroidStudio, Postman\Soap UI, Jupiter
- Apache Tomcat, Glassfish, Composer
- Maven, Spring Boot & MVC, JSF, Struts2, Grails, Hibernate

Miscellaneous Technical Knowledge

- HTML, XHTML, JSP, CSS, XML, JSON
- Bootstrap, Bootsfaces, PrimeFaces
- JavaScript, JQuery, AJAX, Google Flutter
- J2EE, Android, J2SE, JSTL
- Web Services (SOAP, REST)

Academic Research/Projects

- **Finding Rising Stars through Hot Topics Detection in Bibliometric Databases (FYP at MCS)**
Hot topics; Rising stars; Bibliometric network; Semantics; Co-author networks; Citation networks. Dataset: AMiner
- **Multinomial Naïve Bayes for multi-label Scientific document classification (FYP at MCS)**
Text Classification using Multinomial Naïve Bayes, label transformation techniques, Multinomial Naïve Bayes, evaluation metrics, cross-validation, micro and macro-averaging and evaluation, Dataset: ACM and J.UCS

Projects Supervised in Universities

- NSDD Student Management System (Departmental Project)
- BIIT Teacher Evaluation System (Departmental Project)
- Do Not Disturb – Call Blocker
- Bricks Management System
- Speed Reading of Quran
- Speed Reading of Email Client
- Child Vaccination Schedule Alert
- Inventory Management System
- Cooking Recipe
- And many more....

Professional Reference

Will provide on demand.