



# Sher Khan



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## Education

Masters of Computer Science,  
University of Malaya, Kuala Lumpur,  
Malaysia | 2018 | GPA:3.81/4.00

B.S.(Hons.) Software Engineering Isra  
University Hyderabad | 2014 |  
GPA:3.01/4.00

## Skills

Programming : Java, Android, Python,  
PHP, Latex, C++

Design : Android Design, Adobe  
photoshop

Software Tools : Android Studio,  
Microsoft Office, Netbeans , Weka,  
Visio, Sublime, Trello, Git.

Operating Systems: Windows, Ubuntu

Languages: English, Urdu, Sindhi,  
Balochi

## Strengths

Innovative  
Curious  
Fast Learner  
Goal & Result Oriented  
Hardworking

## Hobbies

Cricket  
Trekking  
Swimming

## Introduction

Blend of Industry & Academia focused toward problem solving.Good command on OOP and Artificial Intelligence Concepts. Strong knowledge of android programming and dynamic design layouts. programmer, developer programmed in Java, Python, PHP plus knowledge of necessary tools such as Git, Trello, Android Studio.

## Work Experience

Jan'18-April'18 Research Fellow Student- University of Malaya, Advanced Robotic Lab | Kuala Lumpur, Malaysia 4 months

- Worked on Indoor Localization Research
- Successfully implemented WiFi based indoor localization
- Explored Magnetic Fingerprinting, Pedestrian Dead Reckoning
- Build Hybrid Indoor Localization System with Trilateration and Fingerprinting using WiFi RSS signals

### Research Reporting and Writing

- Organized research into a manageable way & reporting to superior
- Summarizing research papers by author name,year and relevance
- WiFi sniffing, Data preprocessing using MySQL

April18-Feb'19 Android Developer - IMMC Innovation Sdn Bhd | Kuala Lumpur, Malaysia 11 Months

- Android Developer for Self Ordering KIOSK
- Consuming Restful API & showing data in android
- Bug fixing, debugging and maintenance
- Dynamic Design Layouts, Fragments, Services, Databases
- Hands on Experience with Java model classes and OOP concepts in Android Environment
- Extensive knowledge of android studio, integration with third party libraries

Feb'19-April'19 Visiting Faculty - Newport Institute of Communication & Economics | Karachi, Pakistan. 3 months

- Performed duties as Lecturer, taught Artificial Intelligence
- Efficiently managed class of 30 students
- Taught advanced AI Techniques, Neural Network, Fuzzy Logic, Graph search, Simulated Annealing, Expert systems.

May'19-Present Lecturer - Hamdard University (Main Campus) | Karachi, Pakistan Present

- Working as Lecturer for Computer Science Department
- Taught Theory of Automata and Formal Languages
- Managing class of 40 plus students, successfully completed semester course
- Taught Computation Theory, major topics include Regular Expression, Finite Automation, Context Free Grammars and Push Down Automata

## Publications

2018 WiFi based indoor localization using kernel online sequential extreme learning machine  
4th IEEE Annual International Conference at Taylors University, Malaysia

## Research and Projects

- Beautiful Todo List (Android Project on google play store)
- Classify Facebook comments and status as positive, negative or neutral
- Bowman game java implementation with sound and visual using projectile motion
- Pin-Fin Modeling of Heat Sink implemented in Matlab, compared different materials
- Android Project to fetch top Nearby Restaurant with details