

MUHAMMAD BURHAN KHALID

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Personal Information

Father's Name Khalid Mehmood
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Job Objective

To find a position in an organizational environment that utilizes my skills and knowledge to best serve the organizational needs.

Education

MPhil RS-GIS (Thesis In Process)
Punjab University College of Information Technology, Lahore.
M.Sc. in Geographical Information System
Punjab University College of Information Technology, Lahore.
B.Com (Two Years)
Govt. College of Commerce, Lahore.
HSSC (Pre-Engineering)
Govt. M.A.O. College, Lahore.
SSC (Bio Science)
Govt. Central Model High School, Lahore.

Experiences

Visiting Lecturer (February 2015 - Present)
Govt. College University, Faisalabad.

- Subjects : Introduction to Remote Sensing, Digital Image Processing, Global Positioning System

Visiting Lecturer (October 2012 – February 2015)
Punjab University College of Information Technology, Lahore.

- Subjects : Geographical Information Management, Spatial Analysis, Geo Statistics, Principle of GIS

Teacher(AI Ismat Academy Johar Town, Lahore)(September 2013 - Present)

- Subject : Computer

Teacher Assistant(Punjab University College of Information Technology, Lahore.)(March 2012 - June 2012)

- Subjects : GIS Programming and Spatial Data Visualization

Research Projects

Lahore University Management and Sciences (LUMS) (May 2012 - August 2012)

- Crime Mapping
- Digitize area of interest

Directorate Mines and Minerals Punjab, Lahore. (August 2011 – December 2011)

- Management and development of minerals data of Punjab Province.
- ArcGIS 9.3 functionalities to develop geodatabase.
- Online digitizing on Google earth.

Academic Projects

➤ **Project Supervisor:**

Title: Spatial Text Mining techniques for Social Networking

Description: Extracting the data from social networking site(e.g. Twitter, Facebook) which is in text form, geocode it to get the coordinates of specific location. Then location shows on google maps to explore different techniques (Clustering, Heat maps, Classification etc.),select that best fit technique which is determined the highly rated and most visited place according to users.

➤ **M.Phil. Final Thesis:**

Title: Mobility Pattern Analysis of Vehicles

Description: This research focuses on extracting mobility patterns for buses of University of the Punjab, which are a part of fleet used for the transportation of students, faculty and staff. The spatial temporal data of buses is acquired through custom built Android application utilizing the GPS. Analyzing the data captured through the application will help the university administration to know about the detail insight of travelling cost and other information about the buses movements on the routes.

➤ **M.Sc. Final Project:**

Title: PUCIT Geo Exam Seat Allocation System

Description: This system is developed according to GIS based system of entry test which is held in PUCIT every year. Due to this system every candidate can easily access the site and easily determine their seat, where they take entry test. In this system locations will show through maps. Administration staff also gets benefit in arranging the seats for the candidates. They take decision in few minutes that which arrangements are good for them. Teachers also get information about their exam duty.

➤ **Other Projects:**

- ✓ PUCIT maps of old campus and new campus
- ✓ Distribution of dengue disease in Lahore city.

Software's And Languages Skills

- ✓ Html, JavaScript, PHP, Google maps API, WAMP, Spatial Databases
- ✓ Google Earth Pro
- ✓ ArcGIS Desktop
- ✓ Quantum GIS
- ✓ Erdas Imagine
- ✓ Matlab

Favourite Courses

- ✓ Spatial Database
- ✓ WebGIS
- ✓ Spatial Analysis

Interests

- ✓ Chess
- ✓ Exploring different Software's.

Awards

- ✓ Attend HP Life e-Learning course in 2014.
- ✓ Participating in Startup weekend competition in LUMS 2014.
- ✓ Head Organizer of chess game in 2012.
- ✓ Winner and Runner up of chess Championship in 2011.
- ✓ ESRI online seminars certificates.
- ✓ Arabic Course Certificate (Duration 4 Months).

References will be furnished upon Request