Muhammad Yahya

PERSONAL DETAILS

Name: Muhammad Yahya

Date of birth: 01-01-1990

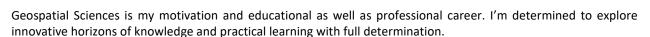
Adress: Pfaffenwaldring-42-B Zimmer 205, 70569 Stuttgart, Germany

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Linkedin profile: www.linkedin.com/in/muhammad-yahya-61864596

PROFILE



EDUCATION

2016 – Present M.Sc. Photogrammetry and Geoinformatics

Hochschule für Technik (HFT) Stuttgart, Germany

2008 – 2012 **B.Sc. (Hons) Geography**

Government College University (GCU) Lahore, Pakistan

• Gold Medal & Academic Role of Honor for the 1st position in B.Sc. (Hons.)

WORK EXPERIENCE

03/2017 - 06/2017 Research Assistant

Hochschule für Technik (HFT) Stuttgart, Germany

02/2015 – 03/2016 GIS Analyst

Punjab Municipal Development Fund Company (PMDFC), Lahore, Pakistan

- Land use mapping and analysis of municipal properties for Punjab TMAs
- Online digitization and performing basics of geoprocessing in ArcGIS Desktop
- Mosaic of satellite images using ERDAS Imagine

03/2013 – 12/2014 **Lecturer Geography**

Jinnah School of Sciences & Commerce College, Nokhar, Pakistan

- Teaching Geography at intermediate level
- Member of student advisory committee

11/2012 – 02/2013 GIS Analyst

Water and Power Development Authority (WAPDA) House, Lahore, Pakistan

- Hands on experience of mapping and visualization in ArcGIS Desktop
- Data processing in Microsoft Excel

ACADEMIC RESEARCH PROJECT

- Sustainable Development Goal Indicators: Visualization D3js and Web Maps, Research project, HFT Stuttgart. http://gisstudio.hft-stuttgart.de/d3.html
- Digital Mapping of Lahore Metropolitan Area Using GIS & Remote Sensing Techniques, BSc. (Hons.) Thesis research project, GCU Lahore.
- Land Use Mapping and Development of Land Information System (LIS) for EME Housing Society DHA, Lahore, Research project, Department of Geography, GCU Lahore.
- GPS (Global Positioning System) Survey by Hand Held GPS Receiver of Iqbal Town in Lahore district, Punjab, Research project, Department of Geography, GCU Lahore.

CV-Muhammad Yahya Page 1 of 2

WORKSHOPS AND TRAINING

11/08/2017 13/05/2017	Data Visualize Data with D3.js The Easy Way by Udemy Advanced Excel 2013 Advanced course by ASta, HFT Stuttgart
04/03/2017	Using Raster Data for Site Selection Online web course by ESRI
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25/12/2016	The Python Bible Online web course by Udemy
28/11/2016	Learn SQL Using MySQL Database Online web course by Udemy
14/10/2015	Getting Started with GIS Online web course by ESRI
05/10/2015	Going Places with Spatial Analysis Online web course by ESRI
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11/2017	Attended 56th Photogrammetric Week in Stuttgart, September 11-15
04/2012	Training Workshop on Digital Cartography
	Hands-on training on ArcGIS and GPS Technology, organized by GCU, Lahore
01/2012	Workshop on Disaster Risk Management
	Workshop destined to work across Pakistan and abroad in disaster risk reduction

IT SKILLS

 MS Office, ArcGIS Desktop, ERDAS Imagine, MatLab, SQL using MySQL database, PostgreSQL, jQuery, D3.js, Python, GeoServer, GeoNode, GeoNetwork OpenSource, Latex, Node.js, HTML5 & CSS3

LANGUAGE PROFICIENCY

- **IELTS:** 6.5 Overall band score (Listening 6.0, Reading 6.5, Writing 6.5 and Speaking 6.5).
- English has been medium of instructions & examinations since Secondary School Education.
- A2 level of Deutsch, Urdu is my national language and Punjabi is my mother tongue.

PUBLICATIONS

2017	Global Challenges and Data-Driven Science: An approach for raising awareness about Indicators
	for the Sustainable Development Goals CODATA 2017 Conference, 'Global Challenges and Data-
	Driven Science' 8-13 October 2017, Saint-Petersburg, Russia.
2012	Digital Cartography Scientific Ravi (Volume 21)
	A scientific research article published in an annual scientific publication of GCU, Lahore.

AWARDS AND RECOGNITION

2017-2018	Merit Scholarship awarded by Knödler-Decker-Stiftung during M.Sc. at HFT Stuttgart.
2017	Merit Scholarship awarded by German Academic Exchange Service DAAD
2012	Gold Medal & Academic Role of Honor for the first position in B.Sc. (Hons.) at GCU Lahore.
2007-2008	Merit scholarship during F.Sc. at GCU Lahore.

INTERESTS & EXTRA INFORMATION

06/05/2017	Participated in 19th AOK Stäffeles Walk and run up.
2017	Volunteered in student buddy service at HFT Stuttgart.
2005	Participated as a boy scout in the National Summer Scouts camp in Murree, Pakistan.
2008-2012	Member of Hiking and Mountaineering Club, GCU, Lahore.

Enjoy reading newspapers and books as they are a unique source of learning and a good companion.

CV-Muhammad Yahya Page 2 of 2