Bilal Abbass Kashmar

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EDUCATION	**Lebanese International University,** Beirut, Lebanon MSc. In Surveying Engineering**,** February 2022 **Lebanese International University,** Beirut, Lebanon BSc. In Surveying Engineering**,** February 2020
TECHNICAL SKILLS	**Software**: ArcGIS, AutoCAD, Civil3D, Erdas Imagine(basics), DTMaster (basics) **Instruments**: Total station, GPS, Level
RELEVANT COURSES & PROJECTS	GIS I and II, Remote Sensing, Image Processing, Surveying Drawing and CAD, Computer Aided Drafting for Surveyors, Engineering Transportation and Roads Design, Technology of Construction, Geomatics for Civil Works, Urban Design, Spatial Geodesy I and II, Hydrographic Surveys, Marine Geology, Photogrammetry, Geodesy I and II Python: University of Michigan at coursera.com (completed) MOOC Cartography: Esri (completed)

Bachelor's Senior Project:

- Construction Stakeout along a 2 Km Street using total station taking into consideration all infrastructure features at the site
- As-build maps production for the studied street using AutoCAD software

EXPERIENCE

Kashmar Engineering, Nabatiyeh, Lebanon   11/21 to Present
Employee- AutoCAD Technician and Site Engineer

- Supervising several construction projects (Villas, Factories and Hangars)

- Preparing permits according to the Lebanese urban planning standards

LDE Consulting Inc, Los Angeles, CA, USA   12/21 to 02/21
Trainee- Civil3D Technician
- Water network drafting according to Santa Clarita County standards (water, recycled water, storm drain, sewers, water quality and road details), and pipe networks design (water and recycled water)
- Rehabilitation of Mckbean parkway and Stevenson ranch streets; digitizing and drafting according to Santa Clarita County standards

National Center for Remote Sensing- CNRS, Mansouriyyeh, Lebanon   10/20 to 06/21
Research Assistant/ Thesis Project
- Update the inventory map of Nabatiyyeh Governorate using ArcGIS software by first locating landslides on satellite imageries then adding them to GIS after validating them on site
- Produce hazard and susceptibility maps for Nabatiyyeh Governorate on ArcGIS software using Analytic Hierarchy Process and Random Forest approach

Geoconsult International, Beirut, Lebanon   12/20 to 03/21
Trainee
- 2D and 3D mapping using ArcGIS software and 3D mapping using DTMaster software for all the water bodies for an area of 9000 Km^2 in Cameroon
- 2D mapping and digitizing using ArcGIS software in Al-Zoubair area in Iraq

Lebanese International University, Beirut, Lebanon   10/19 to 02/20
Doctor Assistant
- Trained a group of students on total station instrument (stakeout and distance-angle measurements) and on level (distance and slope measurements) in surveying lab course

Directorate of Geographic Affairs- Lebanese Army, Aley, Lebanon   09/19
Trainee
- General training in photogrammetry, geodesy, ArcGIS software, and AutoCAD software

LANGUAGES   **Arabic**: native
English: Proficient