

Ibrahim Kamal

Surveying Engineer
Software Engineer

Nationality

Experience

Lebanese

+ 6



Beirut, Lebanon



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Being a professional as engineer, I am interested in continuing a successful carrier with progressive company, and it will effectively utilize my experience and provide growth and stability.



PERSONAL SKILLS

Creativity



Team Work



Leadership



Motivity



SURVEYING EQUIPMENTS SKILLS

GPS

TOTAL STAION

DIGITAL LEVEL

DJI UAV



LANGUAGES

Arabic



English



EDUCATION

2011 - 2015

Bachelor's Degree in Surveying Engineering

Lebanese International University

2015 - 2017

Master's Degree in Surveying Engineering

Lebanese International University

2019 - 2021

Master's Degree in Computer Science

Lebanese International University



WORK EXPERIENCE

7/2015 - 12/2021

Surveying Engineer

Beirut

Swaïdan Engineering & Consultancy

- Preparation of field assignments and scheduling crews; coordinate with clients and contractors on scheduling for stakeouts.
- Topographic surveys and field data collection.
- Experience in land subdivision projects in terms of calculating the amounts of drilling and landfill in the process of road construction within the project.
- Design of infrastructure (electricity and telephone networks) and construction of sewage and rainwater network .
- Develop as built surveys of completed and existing worked projects.
- Compile and maintain surveys and maps from geographic information systems (GIS).
- Converting data to digital form and analyzing spatial data.
- Creating and maintaining the structure necessary for GIS data storage.
- Digitizing feature from aerial images and old maps.
- Good experience in using GIS tools (Spatial Analyst, Network Analyst, Spatial Adjustment, Geocoding and Conversion).
- Good experience in collecting data using Survey123 app.
- Design maps for displays and maps for presentation.
- Monitoring land conditions of large parcels with drone indicating a 3D (X, Y, Z) georeferenced maps performing a digital elevation model.
- Creating 2D and 3D maps also estimating the quantities and earthworks calculation.
- Aerial mapping surveys for quarries with studying and calculating the expected extraction quantity of rocks from quarry.

9/2020 - Present

Junior Software Engineer / Freelance Developer

Beirut

Freelance

- Design and implement Java applications.
- Creates and maintains web and mobile map applications published via ArcGIS Online or Portal for ArcGIS.
- Strong knowledge of Object-Oriented principles
- Developed products section of the android application which provided Multiple activities, Adapters, List views, Links, Web View, Text Views.
- Design and implement high quality software from requirements.
- Solid knowledge of .NET framework fundamentals and C#.
- Using the latest technologies and software programs (Java, JavaScript, HTML, CSS), designed and developed various user-friendly websites and applications.
- Good knowledge in developing database with MS SQL & MySQL software.
- Worked on the multiple software projects and participated in the whole software development process from design to implementation.



COMPUTER SKILLS

Autodesk AutoCAD
Autodesk Civil 3D
ESRI ArcGIS Desktop/Pro
Pix4D Mapper
Trimble Business Center
Microsoft Office

Microsoft Visual Studio
Microsoft SQL Server
Android Studio
IntelliJ Idea
Rider
Dreamweaver

C#/Java/PHP
HTML/CSS/JavaScript
Python/Flask
MS SQL / MySQL
React JS/Angular JS