

Julian Chamseddine

Curriculum Vitae



PERSONAL DETAILS

Name: Julian Ziad Chamseddine
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Address: Beirut, Lebanon
Email: juliash45@gmail.com
Date of birth: September 22, 2001
Nationality: Lebanese

CAREER OBJECTIVE

- A Surveying Engineer that would like to participate in any activity required and show a good willingness, to learn, assist, and show a constructive and positive attitude towards the team.
- An effective communicator with management skills and strong analytical, problem solving and organizational abilities.
- Possess a flexible, detail oriented attitude and would like to work under pressure.
- To be recognized as an efficient & competent individual having good interpersonal and technical skills. Being a hard worker with a positive attitude.

EDUCATIONAL BACKGROUND

- **September 2019-May 2023**
Bachelor of Science- Surveying Engineering
(Lebanese International University- Beirut Campus)
- **October 2023- May 2025**
Master of Science-Surveying Engineering
(Lebanese International University- Beirut Campus)

ORGANIZTIONAL EXPERIENCE

July 2024 – Present

- **GIS Analyst at National Council for Scientific Research (CNRS)– Presidency of the Council of Ministers, Lebanon**
- Led geospatial analysis related to the 2024–2025 conflict in Lebanon, utilizing satellite imagery to assess building damage, urban change, and infrastructure impact.
- Performed high-precision digitization and spatial calculations to extract building

footprints and quantify affected urban areas across various regions.

- Conducted national-scale mapping and analysis of solar panel installations to estimate total solar energy capacity and inform renewable energy assessments.
- Mapped and classified agricultural infrastructure such as greenhouses and irrigation networks to support environmental monitoring and land management strategies.
- Conducted 3D laser scanning and high-precision structural monitoring of the Beirut Port silos using AlphaUni 20 LiDAR, laser scanner, and total station for deformation analysis and structural assessment.
- Executed detailed land use and land cover (LULC) classification using supervised and unsupervised methods, enhancing understanding of spatial development patterns.
- Applied advanced remote sensing techniques and developed custom scripts to generate vegetation and moisture indices, enabling temporal analysis of environmental health.
- Integrated artificial intelligence (AI) techniques for automated detection and classification of features in satellite imagery, enhancing accuracy and efficiency in large-scale geospatial analysis.

May 2022 – August 2023

Land Surveyor at Mark Axis

- Conducted field surveys to collect data points and topographic details using total stations, GPS, and other surveying instruments.
- Measured and calculated land parcel areas for cadastral documentation and legal property boundaries.
- Executed staking out of construction points for buildings and infrastructure based on engineering plans.
- Drafted accurate site maps and survey drawings using AutoCAD and other mapping software.
- Maintained detailed field notes and records of measurements and survey activities.
- Assisted in preparing cadastral plans and documents for land registration and property ownership verification.

IT SKILLS

Well versed in ArcGIS pro, ArcMap, AutoCAD, Civil3D, Erdas Imagine, PhotoMOD
MS Office including MS Word, MS Excel, MS PowerPoint and Outlook

Technical Skills: Total Station, Level , GPS,Laser Scanner , AU20 and other
surveying instruments

LANGUAGES

Arabic: Fluent in reading, writing, and speaking

English: Fluent in reading, writing, and speaking

REFERENCES

Available upon request