HUSSEIN JOUNI

Computer and Telecom Engineer

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Education

Lebanese University

Computer and Telecom Engineer   2020 - Present

Experience

GEOAI

Intern   9/2024 - Present

- Conducted research and analysis using Sentinel-1 satellite data for war damage assessment.
- Processed SAR imagery with tools like SNAP, CATALYST, and QGIS to extract meaningful insights.
- Implemented machine learning techniques and statistical analysis in Python for feature extraction and damage classification.

Codsoft

Web Developer Intern   11/2023 - 12/2023

- Implement responsive and visually appealing layouts using HTML, CSS, and JavaScript, React.

Skills

Programming & Frameworks:

- Python, C++, Java, C#
- TensorFlow, OpenCV
- Entity Framework , SQL ,OOP

Machine Learning & Computer Vision:

- Deep Learning, CNN, LSTM, U-net
- Object Detection, Image Segmentation, Feature Extraction
- Sentinel-1, SNAP, CATALYST, QGIS
- Coherence Analysis for SAR imagery, PCA

Web Development & APIs:

- HTML, CSS, JavaScript
- React, FastAPI
- REST API Development

Networking & Security:

- CCNA (1,2,3)
- Network Security Fundamentals

Competitive Programming & Problem Solving

- Ranked 10th in LCPC 2025.
- Active on Codeforces, solving algorithmic problems in C++.

Languages

Arabic **Native**
English **Advanced**
French **Advanced**

Training / Courses

Machine learning specialization

Cyber security level 1,2

CCNA (1,2,3)