Farzad Ghasemiazma

GIS Analyst and Wildfire Expert

Education

Master of Engineering for Natural risk management   Sep 2020 - Dec 2022
University of Genova, Genova

The M.Sc. in Engineering for Natural Risk Management educates professionals in integrated risk management.

Bachelor of Civil Engineering   Sep 2012 - Jul 2016
University of Bu-Ali Sina, Hamedan

Employment

GIS Analyst and Wildfire Intern   Feb 2023 - Present
CIMA research foundation, Savona

Currently, I am working as a GIS Analyst in the **CIMA research foundation** in the Wildfire Risk and Forest Heritage department in Savona . My profile combines data science skills with disaster risk assessment and management related to wildfire phenomena . I deal with different activities related to Geo - spatial analysis and risk modeling using **Machine - learning** algorithms. As my background shows due to the merging of two different study areas in my bachelor's and master my background is multidisciplinary . I am an expert in **QGIS** and **pyGIS** , **Python** , **Excel** , **Auto - CAD** , **MATLAB** , **Wildfire Risk Assessment**, producing susceptibility maps, etc.

Technical Office Expert in Civil Engineering   Sep 2018 - Jul 2020
Sinab-gharb, Hamedan

Following my graduation in Civil Engineering , I worked for a consulting engineering company (private sector) as a **Technical Office Expert** with experience in **concrete** and **soil** experiments and characteristics.

Civil Engineer   Oct 2016 - May 2018
Agricultral Organization, Hamedan

I worked in the agricultural organization (Public Sector) as a **Technical Office Expert** in **soil** and **water** experiments.

Personal details

Date of birth

Place of birth
Iran

LinkedIn
linkedin.com/in/farzad-ghasemiazma-698a71208

Skills

QGIS

Python

Wildfire Risk Assessment

Machine Learning

Auto-CAD

MATLAB

Languages

English

Persian

Italian