

ENGINEERING GEOLOGIST

NADAV KASHTAN

CONTACT INFORMATION

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SKILLS

- GIS
- SQL
- Python
- Matlab
- Numerical Modeling

LANGUAGES

- Hebrew | Native
- English | Advanced
- Arabic | Elementary

OBJECTIVE

M.Sc. honored graduate in Earth and Environmental Science with a strong passion for hydrology and extensive experience in environmental consulting. Skilled in project management, with over two years of hands-on expertise in GIS, numerical modeling using FLAC, and data analysis. Known for quickly mastering new concepts and excelling in collaborative environments, I bring a results-driven approach and a commitment to delivering impactful solutions. Seeking to leverage analytical skills and technical expertise to contribute meaningfully within a dynamic organization.

EXPERIENCE

PROJECT MANGER

Ecolog. | May 2023 - Present

- Led complex Spatial data analysis projects, including seismic activity predictions and pollution studies, while collaborating with a multidisciplinary team.
- Performed advanced spatial data and statistical analyses using GIS, created visualizations, and presented findings to diverse audiences.
- Maintained ongoing communication with clients, prepared detailed reports, and delivered weekly progress updates to ensure transparency and alignment.

LAB ASSISTANT AT THE SEISMOLOGICAL LAB

Ben Gurion University. | Jun 2020 - Oct 2022

- Used mathematical and computer-based testing tools to develop a new fitting formula that estimates global constrained modulus degradation.

TEACHING ASSISTANT

Ben Gurion University. | Oct 2020 - Oct 2022

- Geomechanics for Civil Engineers
- Rock Slope Stability
- Reservoir Rock Mechanics

EDUCATION

M.SC. IN EARTH AND ENVIRONMENTAL SCIENCE

Ben Gurion University . | Oct 2020 - Mar 2023

Thesis title: "The Arching Effect Within a One-Dimension Compression Test", supervised by Prof. Ronnie Kammai

B.SC. IN EARTH AND ENVIRONMENTAL SCIENCE

Ben Gurion University . | Oct 2017 - Oct 2020

HONORS & AWARDS

Fay and Bert Harbour Award scholarship for excellence.

M.S.c Grade: Magna Cum Laude

PUBLICATIONS

Kashtan N, Kammai R. 2023. The Arching Effect Within a One-Dimension Compression Test. Accepted to International Journal for Numerical and Analytical Methods in Geomechanics

MILITARY SERVICE

Reserve duty - Captain in a highly classified unit within the Intelligence Corps. Specializing in authoring intelligence reports for critical operational planning.

Officer in the Intelligence force

High-level security clearance.