



RAYHAN ALDIZAN FARRENZO

+62 856 182 2828 | rayhanworkmail@gmail.com | www.linkedin.com/in/rayhanaldizan

An undergraduate in geological engineering, focusing on mineralogy and geochemistry. Interested in mineral exploration, waste management, and research geologist. Able to perform mineralogical, petrological, and geochemical analyses. I have experience with Micro X-Ray Fluorescence (μ XRF), XRF, Advanced Mineral Identification and Characterization System (AMICS), Inductively Coupled Plasma Mass Spectrometry (ICP-MS), Scanning Electron Microscope (SEM), X-Ray Diffraction (XRD), Fourier-transform infrared spectroscopy (FTIR), Optical Microscopy analysis, and numerous industry software applications, including ArcGIS, Iogas, MS Office, Corel Draw, and Adobe Illustrator.

Work Experiences

PT. Geoservices - Cikarang, Indonesia

Dec 2022 - Aug 2023

Junior Mineralogist

- Analyzing various samples using mineralogical analysis tools, such as SEM, AMICS, XRD, Optical Microscopy, and FTIR.

Departement of Geological Engineering, Faculty of Earth Technology and Energy, Universitas Trisakti - Yogyakarta, Indonesia

Jul 2022 - Aug 2022

Field Mapping Assistant

- Assisting lecturer, supervising and reporting students performance during field mapping activities.

Badan Riset dan Inovasi Nasional RI (BRIN RI) - Jakarta, Indonesia

Nov 2021 - Feb 2022

Bachelor Thesis

- Bachelor Thesis: Mineralogy and Geochemical of The Uranium and Rare Earth Elements Mineralization in Rirang Area, Kalan, West Kalimantan.

Departement of Geological Engineering, Faculty of Earth Technology and Energy, Universitas Trisakti - Bayat, Indonesia

Jan 2022 - Feb 2022

Field Mapping Assistant

Mandiingin Bara Prima - Rajamandala Indonesia - Jambi, Indonesia

Aug 2021 - Sep 2021

Junior Geologist

- Mapped approximately 10 x 5 km² of the study area for coal exploration, supervising the drilling phase as a wellsite and database geologist.

Education Level

University of Miskolc - Miskolc, Hungary

Sep 2023 -

Masters Degree in Earth Science Engineering

Universitas Trisakti - Jakarta, Indonesia

Sep 2017 - Aug 2022

Bachelor Degree in Geological Engineering, 3.79/4.00

- Universitas Trisakti Academic Achievement Scholarship 2018.
- Universitas Trisakti Non-Academic Achievement Scholarship 2022.
- 9th Best Graduate in Geological Engineering 2022.
- Top 10 Graduates in Non-Academic Fields 2022.

Organisational Experience

Student Parliament of Trisakti University - Jakarta, Indonesia

Jun 2021 - May 2022

Head of Parliament

Student Executive Body of Trisakti Univeristy - Jakarta, Indonesia

Nov 2020 - Mar 2021

Minister of Education

Student Congress of Trisakti University - Jakarta, Indonesia

Dec 2018 - Oct 2020

Senator of Education and Organizational Development

Skills, Achievements & Other Experience

- **Publications** (2022): Characterization of Metapelite and Metasiltstone as Uranium-REE hosted rocks in Rirang Area, West Kalimantan.
- **Projects** (2022): Student Creativity Program: Waste Cooking Oil Management Using Bentonite Clay.