



LALU ALIYYA TIRANGGA AJI  
BUANA  
Magister Student

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SOCIAL

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PORTFOLIO

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PROFILE

M.Eng student in Geological Engineering, Geographic Information System (GIS) & Remote Sensing (RS) enthusiast. Currently, he is an active member of multiple GIS & RS-related societies. Master’s student with several internship experience in mapping survey and WebGIS development.

EDUCATION

- MASTER OF GEOLOGICAL ENGINEERING  
Universitas Gadjah Mada  
2020 - Present
- BACHELOR OF GEOLOGICAL ENGINEERING  
Universitas Gadjah Mada  
2015 - 2019

SKILLS

- Geologic & Drone Mapping
- GIS & Remote Sensing
- Geographic Data Collection
- Groundwater Modelling
- Python
- SQL
- HTML
- CSS
- Javascript

EXPERIENCE

- GIS Analyst  
July 2020 - September 2020 | Dinas Perumahan & Pemukiman LOTENG  
An internship programme after graduation with responsible for field survey, geographic mapping data collection, drone mapping, & GIS analysis.
- GIS Developer  
January 2020 - March 2020 | PT. Braga Teknologi Nusantara  
An internship programme after graduation with responsible for developing a simple WebGIS regards to education facilities in Jakarta.
- Field Assistant  
August 2019 - October 2019 | Pusat Kajian LKFT UGM  
Working as student intern with several tasks such as preliminary survey & digital map production.
- Field Assistant  
May 2019 - July 2019 | PT. Amman Mineral Nusa Tenggara  
Working as student intern with several tasks such as water piezometric data collection & analysis in Batu Hijau Open Pit, West Sumbawa, Indonesia.

HONORS AND AWARDS

- Best Student Prize of ExploreSA: The Gawler Challenge (September 2020)  
A global online competition to identify or predict areas of potential mineralization within the Gawler region from the Government of South Australia with over 2000+ registered participant from 100+ countries.
- Paper Presentation on The 2019 International Conference on Climate Change, Disaster Management, and Environmental Sustainability (September 2019)  
An international scientific conference opens for all professionals and students held by Kumamoto University, Japan
- 1st Winner of Eco-City: Design Your Future (April 2019)  
A global competition opens for worldwide students to share the ideas related to Eco-City Issues, held by University of Malaya, Malaysia.
- Best Paper of The 16th Hokkaido Indonesian Student Association Scientific Meeting (March 2019)  
An international scientific meeting and paper competition opens for all students held by PPI Hokkaido.
- 3rd Winner of *Lomba Geospasial Inovatif Nasional* (February 2019)  
A national competition to the ideas and innovation related to geospatial issues in Indonesia, held by Geodetic Engineering Department, Universitas Gadjah Mada, Indonesia.

REFERENCES

Chief of Exploration Geophysicst Lab DTGL UGM	Field Engineer
Saptono Budi Samodra, S.T., M.Sc.	Supardi, M.T., IPM
Email: Sbsamodra@ugm.ac.id	Email: Supardi@amnt.co.id

LANGUAGES

- Indonesian
- English

INTERESTS

GIS & RS	Hydrogeology	Geophysics