

SYALSHA DERLIAN

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Analytical and detail-oriented fresh graduate from Gadjah Mada University with a strong foundation in data processing, spatial analysis, and structured reporting. Demonstrated ability to synthesize complex multi-variable datasets into clear, decision-ready outputs a skill directly transferable to fast-paced business environments. Proven leadership as Internal Vice Chair of a 30+ member university organization, with hands-on experience in people coordination, program execution, and stakeholder communication. Eager to leverage analytical rigour and leadership experience.

Skills:

Multi-parameter data processing | Spatial Analysis | Quality Control | Team Coordination | Program Management | GIS (ArcGIS, QGIS) | Map Production | Surpac | AutoCAD | Maptek PointStudio | Remote Sensing | GNSS/GPS Survey | Total Station Operation | UAV (Drone) Survey | Field Data Collection & Measurement | Basic Equipment Setup & Handling

EXPERIENCE

Project Administration

PT Rekadaya Sentosa (Sept 2024 – Feb 2025)

- Processed and analyzed multi-parameter geospatial datasets (soil conditions, topography, elevation, clearance) using QGIS and ArcGIS, translating complex data into actionable insights to support infrastructure corridor planning and route optimization decisions
- Conducted terrain and constraint analysis to identify high-risk zones, enabling data-driven recommendations that directly supported engineering and field planning teams
- Delivered technical maps and spatial documentation reports as formal project deliverables, ensuring outputs aligned with engineering standards, stakeholder requirements, and project timelines

Survey Engineer Intern

PT Jhonlin Baratama (Feb 2024 – May 2024)

- Processed UAV photogrammetry, GNSS, and Total Station raw data into validated spatial datasets, supporting weekly and monthly operational reporting cycles
- Performed rigorous quality control and cross-validation between field measurements and processed outputs, maintaining data accuracy standards for active mine operations
- Generated mine progress maps and 3D terrain models in Surpac to support pit advancement monitoring and management decision-making
- Presented research findings and processing results to internal stakeholders, communicating technical conclusions in a clear and structured manner

LEADERSHIP & ORGANIZATION

Internal Vice Chair – Raja Bandar UGM (Jan 2023 – Jan 2024)

- Led and coordinated a team of 10–30 active members across multiple internal divisions, overseeing program planning, recruitment, and day-to-day operations
- Designed and executed organizational programs and events, managing end-to-end logistics from budgeting to post-event evaluation
- Drove internal recruitment cycle and onboarding process, ensuring talent pipeline continuity for the organization

Staff Human Resources & Development – Kopma UGM (Jan 2022 – Nov 2022)

- Supported HR functions including member development programs, internal communications, and organizational capacity building

Liaison Officer – Kompas KM TSPD UGM (Apr 2022 – Jun 2022)

- Served as primary point of contact and coordinator between departments, ensuring smooth information flow during faculty level events

PROJECTS

Flood Hazard & Land Use Mapping

- KKN Kemilau Riau (Jul – Aug 2024)

- Integrated multi-source spatial datasets to produce a classified flood hazard map

Topographic Survey – Dept of Earth Technology UGM (Jan 2024)

- Led field data collection using polygon traversal and total station measurements

CERTIFICATION

- Survey and Mapping measurements as Level II Survey Mapping Technician.
- TEVocS English Test Score 60

EDUCATION

Bachelor of Applied Survey and Mapping Engineering

Gadjah Mada University

(Aug 2021 – Jul 2025)

Focus: Surveying, spatial analysis, and geospatial data processing

STRENGTHS

- Analytical Thinking - Synthesizes complex, multi-variable data into clear, decision-ready outputs
- Leadership & People Coordination - Managed 10–30 members across programs, recruitment, and cross-team initiatives
- Adaptability & Learning Agility- Transition from academic to live professional project delivery