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# RIDHO SAIFULHAQ

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Graduate of the Cartography and Remote Sensing program at Gadjah Mada University with a strong passion for environmental and social studies. Skilled in spatial analysis and geospatial technologies, with a particular interest in environmental conservation, wildlife protection, and urban dynamics such as population growth, transportation, and migration. Dedicated to applying geographic insights to analyze and solve real-world challenges.

## ACTIVITY EXPERIENCE

### GEOGRAPHIC INFORMATION SCIENCE LABORATORY UGM

Yogyakarta

#### Spatial Programming Practicum Assistant

2022

- Conducted practical classes for the Spatial Programming Practicum course.
- Prepared and delivered learning materials on geospatial programming applications, including Visual Basic and Web GIS development.
- Assessed and monitored students' progress throughout the semester.

### CARTOGRAPHIC LABORATORY UGM

Yogyakarta

#### Digital Cartography Practicum Assistant

2022

- Conducted practical classes for Digital Cartography courses.
- Prepared and delivered learning materials on digital cartography, including animated maps, 3D maps, and web maps.
- Assessed and monitored students' progress throughout the semester.

### GEOGRAPHIC INFORMATION SCIENCE LABORATORY UGM

Yogyakarta

#### Algorithm and Programming Practical Assistant

2021

- Conducted practical classes for Algorithm and Programming courses.
- Prepared and delivered learning materials on programming concepts, including fundamental programming in Visual Basic and web development.
- Assessed and monitored students' progress throughout the semester.

### SKM BULAKSUMUR UGM

Yogyakarta

#### Writer and Editor

2019-2021

- Curated news article ideas based on published products.
- Researched news topics and prepared article manuscripts.
- Ensured the quality and accuracy of articles before publication.

## WORK EXPERIENCE

### GIS TECHNICIAN

South Tangerang

#### PT Pangrancana Spasialindo Pratama

June 2024-October 2024

- Developed base maps for RDTR (Detailed Spatial Plan) preparation.
- Created spatial and spatial structure maps for RDTR.
- Conducted spatial analysis to support urban planning initiatives.
- Collaborated and engaged in discussions with relevant stakeholders to ensure alignment and gather input for planning processes.

### FREELANCE

Yogyakarta

#### Quadrant POI Verifier

November 2023-May 2024

- Compiled POI (Point of Interest) data based on field conditions.
- Verified POI data by comparing it with field data.
- Ensured the accuracy of both the data and locations of the collected POIs.

## EDUCATION

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### UNIVERSITAS GADJAH MADA

Cartography and Remote Sensing | GPA 3.55

Yogyakarta

2019-2023

## SKILLS AND COMPETENCIES

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- Data management (Microsoft Word, Excel, SQL)
- Geospatial data processing (ArcGIS, QGIS, Envi, Idrisi, Google Earth Engine)
- Writing (Articles/News)
- Language (English-TOEFL certificate, Indonesia)

## PUBLICATION

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GIS for geomorphological analysis: facies of Merapi Volcano and morphometry of Gendol River (Co-Author) – December, 2021 (<https://doi.org/10.1117/12.2619501>)

Analysis of Land Capability and Suitability for Middle Class Housing Locations Based on Physical Aspects and Accessibility Using a Geographic Information System with Remote Sensing in Temon and Wates Districts, Kulonprogo Regency (Co-Author) – Juni, 2022 (not published)

Reconstructing Land Use Information for Parts of Klaten Regency and Surrounding Areas Using the Cellular Automata-Markov Chain Method (Author) – Oktober, 2023 (not published)