Mohamed Fais

GIS Analyst | Machine Learning Enthusiast

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Homepage LinkedIn GitHub

"A self-driven undergraduate with a solid foundation in Surveying and Geodesy, passionate about leveraging GIS, machine learning, and open-source innovations to address real-world spatial and urban challenges."

RESEARCH INTERESTS

- GIS Analysis
- Machine Learning
- Web Application Development

EDUCATION

B.Sc(Hons) in Sureying Sciences Sep 2020 - May 2025
Specialized in Surveying & Geodesy Ratnapura, Sri Lanka
Sabaragamuwa University of SriLanka

GCE Advanced Level Jul 2016 - Aug 2018
T/R.K.M.Sri Koneswara Hindu College Trincomalee, Sri Lanka
Combined Mathematics, Chemistry, Physics and General English

EXPERIENCE

Undergraduate Researcher
Sabaragamuwa University of Srilanka
- Conducted research on urban land use function identification using multi-source POI data and deep learning.
- Developed a Python-based application to analyze and visualize spatial data.

Workshop Participant
Spatial Data Analysis and Mapping with SuperMap - Student Forum
Gained hands-on experience in spatial data analysis and mapping techniques.

SKILLS

Technical Skills

- Python
- TensorFlow
- GIS tools (SuperMap, QGIS, ArcGIS)
- Machine Learning Algorithms, etc.

Soft Skills

- Teamwork
- Problem-Solving
- Analytical Thinking

LANGUAGES

English ● ● ● ● ○ Sinhala ● ● ● ● ○

Tamil ● ● ● ● ●

CERTIFICATES

- Spatial Data Analysis and Mapping

RESEARCH PROJECTS

Enhancing Urban Land Use Function Identification

Developed a deep learning-based application to classify urban land use functions using multi-source POI data.

Python-Based Web Application for Land Use Visualization

Designed and implemented a web application integrating geospatial data visualization techniques.