



AI/ML Engineer (Spatial Data Focus) Intern

Role Description

AI/ML Engineer will research, develop and evaluate AI/ML models using geospatial data to predict disaster including meteorological disaster: typhoon and heavy rain, land disaster: earthquake) and safe evacuation routes.

Key Responsibilities

- Collaborate with spatial data analyst/data processing expert to conduct data collection, preprocessing and exploratory data analysis on satellite and spatial datasets.
- Research, develop, and train AI/ML models to predict meteorological disaster: typhoon and heavy rain, land disaster: earthquake) and safe evacuation routes.
- Evaluate model performance and refine using appropriate metrics.
- Research on deployment of the models.

Requirements

- 5th year or Final year undergraduate student or a Bachelor's degree in Computer Science, Data Science, AI, Geodetic Engineering, or related field.
- Have experience with developing AI/ML models using spatial data.
- Knowledge of satellite imagery data structures.
- Understanding of AI/ML techniques for predicting disaster using spatial data.
- Familiarity with geospatial data (raster/vector) and geospatial libraries.
- Proficiency in AI/ML frameworks and language programming for spatial data (e.g. Javascript, Python, GEE, Tensorflow, etc.).
- Experience evaluating models using accuracy metrics.
- Experience with deployment AI/ML models.
- Good written documentation and communication skills.

Application Deadline by: 18 June 2025

Link for Submission of Information: <https://forms.gle/4VAG5Wj3deeqzwg98>

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