

# GIS Internship Topics

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50  
Active Categories

10  
Focused Areas

Internships  
Internships

## GIS Internship Categories

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| <b>AI Spatial Analysis &amp; Modeling Research</b><br><a href="https://internships.nthrys.com/gis/ai-spatial-analysis-modeling-research">https://internships.nthrys.com/gis/ai-spatial-analysis-modeling-research</a>                      | <b>Machine Learning Remote Sensing GIS Research</b><br><a href="https://internships.nthrys.com/gis/machine-learning-remote-sensing-gis">https://internships.nthrys.com/gis/machine-learning-remote-sensing-gis</a>                |
| <b>AI Urban GIS Analytics Research</b><br><a href="https://internships.nthrys.com/gis/ai-urban-gis-analytics-research">https://internships.nthrys.com/gis/ai-urban-gis-analytics-research</a>                                              | <b>AI Environmental GIS Research</b><br><a href="https://internships.nthrys.com/gis/ai-environmental-gis-research">https://internships.nthrys.com/gis/ai-environmental-gis-research</a>                                           |
| <b>AI 3D &amp; 4D GIS Research</b><br><a href="https://internships.nthrys.com/gis/ai-3d-4d-gis-research">https://internships.nthrys.com/gis/ai-3d-4d-gis-research</a>                                                                      | <b>AI Health GIS Research</b><br><a href="https://internships.nthrys.com/gis/ai-health-gis-research">https://internships.nthrys.com/gis/ai-health-gis-research</a>                                                                |
| <b>AI Real-Time GIS &amp; IoT Research</b><br><a href="https://internships.nthrys.com/gis/ai-real-time-gis-iot-research">https://internships.nthrys.com/gis/ai-real-time-gis-iot-research</a>                                              | <b>AI Disaster Management GIS Research</b><br><a href="https://internships.nthrys.com/gis/ai-disaster-management-gis-research">https://internships.nthrys.com/gis/ai-disaster-management-gis-research</a>                         |
| <b>AI Transportation GIS Research</b><br><a href="https://internships.nthrys.com/gis/ai-transportation-gis-research">https://internships.nthrys.com/gis/ai-transportation-gis-research</a>                                                 | <b>AI Agriculture GIS Research</b><br><a href="https://internships.nthrys.com/gis/ai-agriculture-gis-research">https://internships.nthrys.com/gis/ai-agriculture-gis-research</a>                                                 |
| <b>Geospatial Data Integration &amp; Fusion Research</b><br><a href="https://internships.nthrys.com/gis/geospatial-data-integration-fusion">https://internships.nthrys.com/gis/geospatial-data-integration-fusion</a>                      | <b>LiDAR Processing &amp; Point Cloud Analysis</b><br><a href="https://internships.nthrys.com/gis/lidar-processing-point-cloud-analysis">https://internships.nthrys.com/gis/lidar-processing-point-cloud-analysis</a>             |
| <b>Spatial Database Design &amp; Management</b><br><a href="https://internships.nthrys.com/gis/spatial-database-design-management">https://internships.nthrys.com/gis/spatial-database-design-management</a>                               | <b>Web GIS Application Development Research</b><br><a href="https://internships.nthrys.com/gis/web-gis-application-development">https://internships.nthrys.com/gis/web-gis-application-development</a>                            |
| <b>Climate Change Geospatial Monitoring Research</b><br><a href="https://internships.nthrys.com/gis/climate-change-geospatial-monitoring">https://internships.nthrys.com/gis/climate-change-geospatial-monitoring</a>                      | <b>Urban Heat Island Mapping &amp; Analysis</b><br><a href="https://internships.nthrys.com/gis/urban-heat-island-mapping-analysis">https://internships.nthrys.com/gis/urban-heat-island-mapping-analysis</a>                      |
| <b>Hydrological Modeling &amp; Watershed Analysis</b><br><a href="https://internships.nthrys.com/gis/hydrological-modeling-watershed-analysis">https://internships.nthrys.com/gis/hydrological-modeling-watershed-analysis</a>             | <b>Land Use Land Cover Classification Research</b><br><a href="https://internships.nthrys.com/gis/land-use-land-cover-classification">https://internships.nthrys.com/gis/land-use-land-cover-classification</a>                   |
| <b>Geospatial Network Analysis &amp; Routing</b><br><a href="https://internships.nthrys.com/gis/geospatial-network-analysis-routing">https://internships.nthrys.com/gis/geospatial-network-analysis-routing</a>                            | <b>Biodiversity Hotspot Mapping Research</b><br><a href="https://internships.nthrys.com/gis/biodiversity-hotspot-mapping">https://internships.nthrys.com/gis/biodiversity-hotspot-mapping</a>                                     |
| <b>Geospatial Privacy &amp; Security Research</b><br><a href="https://internships.nthrys.com/gis/geospatial-privacy-security">https://internships.nthrys.com/gis/geospatial-privacy-security</a>                                           | <b>Coastal Erosion &amp; Shoreline Change Detection</b><br><a href="https://internships.nthrys.com/gis/coastal-erosion-shoreline-change">https://internships.nthrys.com/gis/coastal-erosion-shoreline-change</a>                  |
| <b>Geospatial Equity &amp; Environmental Justice</b><br><a href="https://internships.nthrys.com/gis/geospatial-equity-environmental-justice">https://internships.nthrys.com/gis/geospatial-equity-environmental-justice</a>                | <b>Precision Agriculture Yield Mapping Research</b><br><a href="https://internships.nthrys.com/gis/precision-agriculture-yield-mapping">https://internships.nthrys.com/gis/precision-agriculture-yield-mapping</a>                |
| <b>Volunteered Geographic Information Integration</b><br><a href="https://internships.nthrys.com/gis/volunteered-geographic-information-integration">https://internships.nthrys.com/gis/volunteered-geographic-information-integration</a> | <b>Geomorphological Change Detection Research</b><br><a href="https://internships.nthrys.com/gis/geomorphological-change-detection">https://internships.nthrys.com/gis/geomorphological-change-detection</a>                      |
| <b>Archaeological Site Mapping &amp; Prospection</b><br><a href="https://internships.nthrys.com/gis/archaeological-site-mapping-prospection">https://internships.nthrys.com/gis/archaeological-site-mapping-prospection</a>                | <b>Forest Monitoring &amp; Deforestation Detection</b><br><a href="https://internships.nthrys.com/gis/forest-monitoring-deforestation-detection">https://internships.nthrys.com/gis/forest-monitoring-deforestation-detection</a> |

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| <b>Urban Planning &amp; Development Suitability Analysis</b><br><a href="https://internships.nthrys.com/gis/urban-planning-development-suitability">https://internships.nthrys.com/gis/urban-planning-development-suitability</a> | <b>Geospatial Machine Learning Model Development</b><br><a href="https://internships.nthrys.com/gis/geospatial-machine-learning-model-development">https://internships.nthrys.com/gis/geospatial-machine-learning-model-development</a> |
| <b>Geotechnical Hazard Mapping Research</b><br><a href="https://internships.nthrys.com/gis/geotechnical-hazard-mapping">https://internships.nthrys.com/gis/geotechnical-hazard-mapping</a>                                        | <b>Sentinel &amp; Landsat Data Analysis Research</b><br><a href="https://internships.nthrys.com/gis/sentinel-landsat-data-analysis">https://internships.nthrys.com/gis/sentinel-landsat-data-analysis</a>                               |
| <b>Urban Green Space Analysis &amp; Mapping</b><br><a href="https://internships.nthrys.com/gis/urban-green-space-analysis-mapping">https://internships.nthrys.com/gis/urban-green-space-analysis-mapping</a>                      | <b>Geospatial Metadata &amp; Data Documentation</b><br><a href="https://internships.nthrys.com/gis/geospatial-metadata-data-documentation">https://internships.nthrys.com/gis/geospatial-metadata-data-documentation</a>                |
| <b>Karst Landscape &amp; Cave System Mapping</b><br><a href="https://internships.nthrys.com/gis/karst-landscape-cave-system-mapping">https://internships.nthrys.com/gis/karst-landscape-cave-system-mapping</a>                   | <b>Geospatial Big Data Processing Research</b><br><a href="https://internships.nthrys.com/gis/geospatial-big-data-processing">https://internships.nthrys.com/gis/geospatial-big-data-processing</a>                                     |
| <b>Glacier &amp; Snowpack Monitoring Research</b><br><a href="https://internships.nthrys.com/gis/glacier-snowpack-monitoring">https://internships.nthrys.com/gis/glacier-snowpack-monitoring</a>                                  | <b>Geospatial Standard Development &amp; Compliance</b><br><a href="https://internships.nthrys.com/gis/geospatial-standard-development-compliance">https://internships.nthrys.com/gis/geospatial-standard-development-compliance</a>    |
| <b>Brownfield Site Assessment &amp; Remediation Mapping</b><br><a href="https://internships.nthrys.com/gis/brownfield-site-assessment-remediation">https://internships.nthrys.com/gis/brownfield-site-assessment-remediation</a>  | <b>Geospatial Accessibility &amp; Inclusive Design</b><br><a href="https://internships.nthrys.com/gis/geospatial-accessibility-inclusive-design">https://internships.nthrys.com/gis/geospatial-accessibility-inclusive-design</a>       |
| <b>Soil Mapping &amp; Pedological Analysis Research</b><br><a href="https://internships.nthrys.com/gis/soil-mapping-pedological-analysis">https://internships.nthrys.com/gis/soil-mapping-pedological-analysis</a>                | <b>Water Quality Monitoring &amp; Spatial Modeling</b><br><a href="https://internships.nthrys.com/gis/water-quality-monitoring-spatial-modeling">https://internships.nthrys.com/gis/water-quality-monitoring-spatial-modeling</a>       |
| <b>Geospatial Visualization &amp; Cartography Research</b><br><a href="https://internships.nthrys.com/gis/geospatial-visualization-cartography">https://internships.nthrys.com/gis/geospatial-visualization-cartography</a>       | <b>Wildfire Risk Assessment &amp; Spread Modeling</b><br><a href="https://internships.nthrys.com/gis/wildfire-risk-assessment-spread-modeling">https://internships.nthrys.com/gis/wildfire-risk-assessment-spread-modeling</a>          |
| <b>Geospatial API Development &amp; Integration</b><br><a href="https://internships.nthrys.com/gis/geospatial-api-development-integration">https://internships.nthrys.com/gis/geospatial-api-development-integration</a>          | <b>Wetland Delineation &amp; Ecosystem Monitoring</b><br><a href="https://internships.nthrys.com/gis/wetland-delineation-ecosystem-monitoring">https://internships.nthrys.com/gis/wetland-delineation-ecosystem-monitoring</a>          |
| <b>Geospatial Time Series Analysis Research</b><br><a href="https://internships.nthrys.com/gis/geospatial-time-series-analysis">https://internships.nthrys.com/gis/geospatial-time-series-analysis</a>                            | <b>Geofencing &amp; Location-Based Services Research</b><br><a href="https://internships.nthrys.com/gis/geofencing-location-based-services">https://internships.nthrys.com/gis/geofencing-location-based-services</a>                   |
| <b>Noise Pollution Mapping &amp; Urban Acoustics</b><br><a href="https://internships.nthrys.com/gis/noise-pollution-mapping-urban-acoustics">https://internships.nthrys.com/gis/noise-pollution-mapping-urban-acoustics</a>       | <b>Geospatial Ethics &amp; Data Governance Research</b><br><a href="https://internships.nthrys.com/gis/geospatial-ethics-data-governance">https://internships.nthrys.com/gis/geospatial-ethics-data-governance</a>                      |

## GIS Internship Topics and Focused Areas

### AI Urban GIS Analytics Research

- Machine Learning for Urban Land Use Classification
- AI-Driven Urban Sprawl Detection and Monitoring
- Neural Networks for Smart City Infrastructure Mapping
- Predictive Analytics for Urban Growth and Population Distribution
- Natural Language Processing for Geospatial Data Integration from Urban Sources

### AI Real-Time GIS & IoT Research

- Real-Time Spatial Data Stream Processing
- IoT Sensor Network Integration & Geospatial Visualization
- Machine Learning for Predictive Geospatial Analysis
- Edge Computing & Distributed GIS Processing
- Real-Time Change Detection & Event Recognition in Geospatial Data

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