Nou Matulka

Geospatial Analyst

👤 Profile

Results-driven Geospatial Analyst with 1 year of experience in leveraging geospatial data, technology, and methodologies to deliver high-quality insights and solutions. Proficient in GIS software, spatial analysis, and data visualization, with a strong foundation in cartography and remote sensing. Adept at project management, collaboration, and problem-solving, consistently contributing to the achievement of project objectives and client satisfaction. Eager to apply analytical skills and expertise to support data-driven decision-making in a dynamic and challenging environment.

💼 Employment History

Geospatial Analyst at Boeing Intelligence & Analytics, MD

May 2023 - Present

- Led a team of analysts in processing and analyzing over 5,000 square kilometers of high-resolution geospatial data, resulting in a 30% increase in the accuracy of terrain models used for mission planning.
- Developed an innovative geospatial tool that streamlined the analysis process, reducing project completion time by 25% and saving the company $150,000 annually in labor costs.
- Trained and mentored 15 junior analysts, increasing their proficiency in geospatial software usage and analysis techniques, leading to a 20% overall improvement in team productivity.
- Successfully completed a high-priority project for a major defense client, delivering accurate and timely geospatial intelligence that directly contributed to the success of a critical military operation.

Associate Geospatial Analyst at Leidos, MD

Sep 2022 - Mar 2023

- Successfully analyzed and processed over 500 high-resolution satellite imagery datasets, leading to a 30% increase in the accuracy of geospatial intelligence products for clients.
- Spearheaded the development and implementation of a new geospatial data management system, resulting in a 25% reduction in processing time and improving overall team efficiency.
- Collaborated with a team of analysts to produce 50+ comprehensive geospatial reports for high-priority projects, leading to a 90% client satisfaction rate and contributing to a 15% increase in department revenue.
- Trained and mentored five junior analysts in geospatial analysis techniques and software tools, leading to a 20% improvement in their productivity and a 10% decrease in project completion time.

🎓 Education

Bachelor of Science in Geographic Information Systems at University of Maryland, College Park, MD

Sep 2017 - May 2022

Details

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Links

linkedin.com/in/noumatulka

Skills

ArcGIS

QGIS

Python

Remote Sensing

Cartography

Spatial Analysis

SQL

Languages

English

Mandarin

Hobbies

Remote sensing

Drone photography

Cartography and mapmaking