

EMMA MAJOROS, M.S.

GEOSPATIAL DATA SCIENTIST

emmakull@umich.com • Ann Arbor, MI

SUMMARY

Technical GIS scientist skilled in research and customer-based applications of spatial data.

Passionate data visualizer and cartographer.

EDUCATION

University of Michigan, Ann Arbor

M.S. Geospatial Data Science. Honors.

Michigan State University, East Lansing

B.S. Sustainable Tourism, Mathematics

EXPERIENCE

April 2023 -

Present

Maxar Intelligence

Sensors Software Development Engineer

- Worked with USG customers to develop satellite-imagery based software solutions and analyze spatial data.
- Partner with team of GIS analysts on methane detection algorithm.

Jan 2023 -

May 2023

University of Michigan

Geospatial Modeling Intelligence Research Assistant

- Created automation script for data extraction and processing utilizing geospatial packages in R to unify spatial and non-spatial data sets for counter-terrorism research.
- Designed multinomial regression model.

July 2022 -

Dec 2022

CDM Smith

GIS Master's Co-op

- Designed, pitched, and led a research and development project using satellite imagery, drone (UAV) captured imagery, and machine learning algorithms to create a classification model in a nested analysis of invasive species and land cover for a county in Florida.

SKILLS

Esri ArcGIS
Remote Sensing
3D Modeling

Data Visualization
Adobe Design Suite
Cartography

Machine Learning
Python/R/SQL
GEE, ERDAS, QGIS

HOBBIES

Cycling
Painting
Home DIY