# Kasyan Green

(508) 335-8278 | kasyangreen@outlook.com | https://www.linkedin.com/in/kgre/

Adventurous conservationist with a knack for navigating complex datasets as effectively as rugged terrain. As a volunteer First Responder in 2017, I honed my ability to remain calm under pressure. Today, when diving into intricate GIS projects, this situational awareness makes me adept at fostering teamwork whilst leading when needed. I am eager to channel diverse experiences and thoughtful personality into meaningful contributions with spatial data.

**Software:** ArcGIS Online, ArcGIS Pro, TerrSet (IDRISI), QGIS, Google Earth Engine
**Programming:** Beginner: Python, CSS, HTML, JavaScript, Arcade

## Experience

**Support Analyst | Esri (Environmental Systems Research Institute), Charlotte, NC** — May 2023 – Present
Consistently ranked as top performer in triaging and resolving ArcGIS issues, including critical production-down scenarios.
Ranked as lead collaborator across a global team of analysts. Embrace team growth through mentoring and knowledge transfers.

**GIS Research Associate | Hadwen Arboretum, Worcester, MA** — Dec 2022 – May 2023
Deployed GIS database and redesigned website. Initiated research resulting in discovery of archival photographs from 1887.
Recruited to a team of researchers to publish new literature highlighting the role of public land in urban tree management.

**Remote Sensing Research Associate | TerrSet (IDRISI) Labs, Worcester, MA** — Dec 2020 – Nov 2022
Generated multi-temporal Land Cover Classifications for coastal habitats using neural network and Mahalanobis classifiers.
Promoted in May '22 to lead a team of 6-8 Research Assistants, overseeing quality control for map classifications.

**Geo-Information Trainee | United Nations Satellite Center, Geneva (Remote)** — Jan 2022 – May 2022
Improved efficiency of wildfire data import process by over 50% by developing and implementing ArcPy script,
Conducted rapid GIS analysis using Earth Engine for emergency humanitarian aid projects as principal programmer on the team.

**Staff Supervisor | Clark University Information Center, Worcester, MA** — Jan 2019 – Sep 2021
Promoted to leadership role, managing a team of 20 student employees, including hiring, training, and scheduling.
Drove a 75% productivity increase within the first 2 months by transitioning to paperless operations for scheduling systems.

**GIS Technician Intern | Wildlife Conservation Society, Mozambique (Remote)** — May 2020 – Jul 2020
Redeveloped comprehensive topographic map of Niassa Reserve (42,000 sq. km.) including 5,800km of road digitization.
Submitted final report one week early. Data was sent to field workers immediately to assist with anti poaching operations.

**GIS Analyst Intern | Greater Worcester Land Trust, Worcester, MA** — May 2020 – Jul 2020
Standardised and executed baseline documentation system for 2600 acres of GWLT properties using ArcGIS Pro.
Awarded $3500 grant to aid conservation research and completed all major tasks three weeks prior to deadline.

## Publications

**"Tracking Forest Dynamic Trends in Belize" | International Journal of Remote Sensing** — Jun 2022
Employed ArcGIS Pro to analyze 20 years of deforestation data, and the patterns and processes of forest loss in the Selva Maya.
Upon publication, earned an award for 'Outstanding Research Supporting Environmental Education.'

## Education

**Master of Science | Geographic Information Systems**           Clark University | Worcester, MA
**Bachelor of Arts | Geography (Highest Honors)**           Clark University | Worcester, MA
*Summa Cum Laude | Honors Societies: Phi Beta Kappa, Gamma Theta Upsilon | Deans List*