

# Kasyan Green

New York, NY

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

## Experience

**GIS Consultant (Unpaid) | International Campaign for Tibet, New York, NY** July 2024 – Present  
Deploy and maintain ArcGIS Online ecosystem, leading comprehensive training to enhance data utilisation and decision-making. Leverage Google Earth Engine to map and update over 200 hydropower dam sites across the Tibetan Plateau region.

**Support Analyst | Esri (Environmental Systems Research Institute), Charlotte, NC** May 2023 – July 2024  
Consistently ranked as top performer in triaging and resolving ArcGIS issues, including critical production-down scenarios. Lead collaborations across a global team of analysts. Embrace team growth through mentoring and knowledge transfers.

**Arboretum Research Associate | Hadwen Arboretum, Worcester, MA** Nov 2022 – May 2023  
Supervised volunteer teams in removing invasive species and trail maintenance, promoting hands-on conservation efforts. Developed and maintained geospatial data for over 26 acres of woodland as well as spearheading a full website redesign.

**Remote Sensing Research Associate | TerrSet (IDRISI) Labs, Worcester, MA** May 2022 – Nov 2022  
Led team of 6-8 Research Assistants, ensuring 97% accuracy in multi-temporal coastal ecosystem land-cover classifications. Oversaw analyses for six countries, reallocating resources to meet project demands, and stepping in to assist as needed.

**Research Assistant** Dec 2020 – May 2022  
Generated multi-temporal Land Cover Classifications for coastal habitats using neural network and Mahalanobis classifiers.

**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.

**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 on-the-ground operations.

**GIS Analyst | Greater Worcester Land Trust, Worcester, MA** Sep 2017 – Apr 2020  
Standardised and executed baseline documentation system for 2600 acres of GWLT properties using ArcGIS Pro. Awarded \$3500 grant to aid conservation research. Completed project report three weeks prior to deadline.

## Publications

**[“Tracking Forest Dynamic Trends in Belize”](#) | International Journal of Remote Sensing** Jun 2022  
Employed ArcGIS Pro to analyse 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*