

Kasyan Green

Available to work full time from June 2022

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Skills

ArcGIS Desktop Suite • ArcGIS Pro, ArcMap, ArcPad, ArcGIS Online, Arc Storymaps

Computer Programming • Beginner: Python, Google Earth Engine, CSS, HTML, Java

Software • TerrSet, QGIS, Slack, Microsoft Office Suite

Expertise • Database management, raster and vector analysis, Cardio Pulmonary Resuscitation, Night Navigation

Education

Clark University • Worcester, Massachusetts • USA

Master of Science in Geographic Information Systems

Expected: May 2022

Bachelor of Arts in Geography with Highest Honors

June 2021

GPA 3.93 | Summa Cum Laude | Deans List | Honors Societies: Phi Beta Kappa, Gamma Theta Upsilon

United World College Atlantic • Llantwit Major • Wales

International Baccalaureate Diploma | *Diploma Grade: 35/45*

May 2016

Experience

Research Assistant • Clark Labs • Worcester, Massachusetts

November 2020 – Present

- Map coastal areas using TerrSet Software with funding from Gordon and Betty Moore Foundation alongside team of research assistants.
- Classify coastal habitat in China, Brazil, Honduras, El Salvador, Nicaragua, and the Philippines using supervised classification techniques.

Co-Author • Under Review: Deforestation Dynamics in Belize • International Journal of Remote Sensing

August 2021

- Awarded \$500 Award for significant research through Marcia V. Szugda-Emani Memorial Environmental Scholarship.
- Researched twenty years of deforestation analysis in Belize, whilst grappling with a multitude of drivers playing into deforestation trends.

Staff Supervisor • Higgins University Centre • Worcester, Massachusetts

January 2019 – September 2021

- Promoted from building manager role to supervisor, coordinating over 20 students in their roles as building managers.
- Remained on call 24/7 whilst hiring new staff, navigating the team through daily activities, and facilitating monthly trainings.

GIS Analyst Intern • Wildlife Conservation Society • Niassa National Reserve, Mozambique

May 2020 – July 2020

- Spearheaded construction of a comprehensive topographic map for Niassa Reserve (42,000 Sq. km.) for operational planning and fieldwork.
- Digitized over 5,800 km of roads, as well as bridges, settlements, and airfields, culminating in formal report submitted before the deadline.

GIS Analyst Intern • Greater Worcester Land Trust • Worcester, Massachusetts

September 2017 – April 2020

- Awarded \$3500 grant to standardize and implement baseline documentation system for 2600 acres of GWLT properties.
- Implemented ArcMap and ArcPad to run tasks including geo-referencing, shapefile editing, and supervised classification.

Recognition

Research Fellow • Awarded \$3500 Grant for Open Space Preservation project • Worcester, MA

March 2019

International Honors Member • Gamma Theta Upsilon • Clark University Geography Department

February 2019

Alumni Relations Co-Chair • Clark University Alumni Engagement Committee • Worcester, MA

August 2017