

Data Analytics / GIS Intern - 2024



Overall goal: Use existing environmental and social data to produce a novel environmental justice (EJ) insights and present your finding using ArcGIS StoryMaps and other data analytics public-facing tools.

[Version 1 Example.](#)

Weekly Hours: 10-20 (during semester), 30-40 (during summer).

Location: 100% remote. Sci4Ga has co-working space in Atlanta and interns are welcome to join us there.

Rolling start and end times.

Pay depends on Sci4Ga funding status.

Action Items and Deliverables

Weekly Work Details

All interns have a weekly meeting with their supervisor. Here they will discuss their progress toward goals, plan for the upcoming week, and issues blocking progress. This will also be a time for interns to ask questions and receive career building mentorship.

All interns participate in the weekly Sci4Ga all hands meeting where everyone shares a quick update on progress, and we brainstorm our way through questions.

Over the semester, all Sci4Ga interns will receive science communication training.

Environmental Health & Justice Focus

Historically marginalized communities are [bearing the brunt of climate change](#). This is on-top of existing historical injustices. A report published by GreenLaw found that race has the [strongest correlation to air, water, and land pollution](#) in Georgia. At the same time, communities do not need yet another “well-intentioned” solution thrown at them; they need evidence-based solutions made in concert with them that reflect their needs and their reality.

To that end, Science for Georgia aims to take contextualized data analysis from our Georgia Insights program and lessons learned and cross-silo connections made from our Environmental Justice and Climate Protection (EJ&CP) Conference and translate those into community advocacy messages. By providing information about actions people can take in their everyday lives, and that promote long-term change, we can uplift all Georgians.

On going activities that identify and promote sound science -

- Science for Georgia and partners host an annual [Environmental Justice & Climate Protection conference](#).
- An data analytics project that includes an [EJ Storytelling map](#) – overlaying information about superfund site locations, environmental indicators, and socio-economic information.
- The establishment of 2-3 university/college partnerships to activate and engage college age+ people in hands-on activities centered on what we learned from the EJ Conference and EJ Map.

Science for Georgia, Inc

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Items needed:

1. Laptop

Skills needed:

1. Computer literacy
2. GIS
3. Data Analysis techniques
4. Time management
5. Independent research skills

Skills that will be gained

1. Science communication
2. Public outreach
3. Storytelling
4. GitHub Utilization
5. Agile project management techniques

About Science for Georgia

Science for Georgia is a 501c3 dedicated to bridging the gap between scientists and the public through training, outreach opportunities, and direct contact with the public, policymakers, and the press. Science for Georgia highlights how science can impact people's lives and advocates for the responsible use of science in public policy.

Questions, please reach out to amy.sharma@sci4ga.org

To apply, please send a resume, cover letter, and technical portfolio to amy.sharma@sci4ga.org