🚀 **Now Hiring: Software Engineering and Computer Science**

NO EXPERIENCE Required   ==**PAID FELLOWSHIP**==

Flexible work schedule: 16-24 hrs./ week in a hybrid (remote and in-person

About Us: Work on a digital twin and geospatial intelligence platform that turns raw data into actionable insights for **climate resilience** and **equitable urban design**. We partner with nonprofits and civic projects—from wildfire rebuilding to resilient corridor design—to give planners, researchers, and communities the tools they need to create change.

The Role: We're seeking a **Software Engineering Intern** to help design and build modular **geo-plugins** that transform location coordinates into rich, policy-relevant data. You'll work with public APIs, open datasets, and advanced geospatial tools—integrating weather, biodiversity, urban development, geology, hazards, and more into AURA's platforms.

You Will:
- Build Python-based plugins to standardize and enrich geodata.
- Create production-ready adapters for diverse APIs and datasets.
- Implement spatial operations (buffers, joins, nearest-neighbor).
- Deploy REST/GraphQL APIs for batch and streaming enrichment.
- Collaborate with engineers, urban planners, and climate researchers.

You'll Work With:
Python • pandas • geopandas • shapely • pyproj • FastAPI • GraphQL • PostgreSQL/PostGIS • Redis • AWS/Azure • ArcGIS/Cesium

What You'll Learn:

- Real-world API integration and geodata harmonization.
- Schema design for climate and urban equity applications.
- Large-scale processing with caching, retries, and rate limits.
- Turning raw data into immersive tools and actionable insight.

Desired Qualifications (Not Required):

- Python skills; experience with APIs & JSON.
- Interest in geospatial tools (geopandas, shapely, PostGIS, QGIS/ArcGIS).
- Clear technical writing and documentation skills.

Nice to Have:

- Experience with FastAPI, GraphQL, async I/O.
- Familiarity with open datasets (NOAA, USGS, GBIF, OSM, GDELT).
- Curiosity about climate resilience and urban equity.

📍 **Location:** Hybrid at LATTC Architecture Studio
📅 **Start Date:** September 15 to January 15
💡 **Apply Now:** Link

Be part of a mission-driven team turning **digital twin geodata into action** for the planet and our cities.