ENVIRONMENTAL EQUITY INFORMATION INSTITUTE

E2I2

Environmental Equity Data Analyst Intern

Location: On-site, Atlanta, GA

Hours: 10 hours per week

Duration: Semester long, with opportunity to extend

Pay: Unpaid internship; will work with intern's academic program to secure internship and/or course credit

Reports to: Executive Director

Position Overview

The Environmental Equity Information Institute (E2I2) is a 501(c)(3) environmental justice (EJ) nonprofit that partners with EJ communities to help them access, understand, and use pollution and climate data for transformative change. The Environmental Equity Information Institute (E2I2) is seeking a highly motivated, detail-oriented graduate-level Data Analyst Intern to support our mission of advancing environmental equity through partnerships, data, and innovative technologies. This internship offers an exciting opportunity to work with environmental, climate, health, and sociodemographic data and apply analytical skills to develop meaningful insights and create impactful visualizations for environmental justice communities.

The intern will work with various data sets including, but not limited to EPA's EJScreen, The White House's Climate and Economic Justice Screening Tool, CDC health data, Census Bureau data, and NASA's environmental justice data sets.

Key Responsibilities

- Clean and organize secondary sources of data.
- Analyze environmental, climate, demographic, and health datasets using descriptive statistical methods and data visualization techniques.
- Create GIS maps to illustrate spatial patterns and trends in environmental and sociodemographic data
- Assist in the development of reports and presentations to communicate findings to community partners.
- Collaborate with team members on various projects related to environmental justice.
- Contribute to the maintenance and improvement of our data management systems.

- Contribute to research activities, including literature reviews, aimed at understanding the health, social, and economic impacts of cumulative exposure to environmental and climate threats.

Required Qualifications

- Currently enrolled in a graduate program in Data Science, Environmental Science, Public Health, or a related field such as Sociology. Or an undergraduate with several years of relevant work experience.
- Strong quantitative analytical skills and proficiency in Excel.
- Excellent attention to detail and the ability to conduct data quality assurance checks.
- Excellent written and verbal communication skills.
- Ability to work effectively in a diverse, collaborative environment.
- A demonstrated passion for environmental equity and social justice issues.

Preferred Experience

- Experience with Geographic Information Systems (GIS)
- Knowledge about remote sensing data and satellite imagery analysis
- Familiarity with environmental monitoring technologies and data collection methods
- Experience with data visualization tools (e.g., PowerBI)
- Proficiency in statistical data analysis programs (e.g. R)
- Understanding of artificial intelligence potentials and limitations

What We Offer

This internship provides an excellent opportunity to gain hands-on experience and mentorship in environmental data analysis and GIS mapping while contributing to real-world solutions for environmental justice communities. The successful candidate will develop valuable skills in data management, analysis, and visualization, setting a strong foundation for a career in environmental data science.

How to Apply

Send a cover letter and resume to info@e2i2.org with the subject title "Data Analyst Intern." In your cover letter, please highlight your relevant skills, experience, and passion for environmental equity. Submissions unresponsive to these instructions will not be reviewed.

E2I2 is committed to diversity and inclusivity. We welcome applications from candidates of all backgrounds, without discrimination based on race, color, religion, national origin, sex, sexual orientation, gender identity, age, or disability.