

Data Visualization Intern (Summer and/or Fall 2020) Position Description (Full or Part Time)

Lux Consulting Group, Inc. (Lux) seeks a Summer and/or Fall 2020 intern to help analyse, visualize, and interpret data related to global environmental change research. This position could be full or part time.

Lux has contracts with federal agencies, including the National Science Foundation and the National Institutes of Health. We are interested in visually exploring bibliometric and other analysis of published journal articles on climate change and human health. We are also interested in visually exploring interdisciplinary international collaborations around global environmental change.

The intern will help analyse, visualise, and interpret data. The intern will help explain their process, interpretation, and learning in a presentation, meetings, and/or in short writing reports, such as a blog.

Responsibilities

- Review data sets and analysis, visualizations, and reports that will enhance the user's understanding of data to meet its goals and objectives
- Develop visualizations for various media types, including print and JavaScript based web pages
- Work with other team members to integrate visualizations and reports into these media
- Document the development, use, and intent of the various visualizations, including describing usages and assumptions to end users

Skills

- Solid understanding of data visualization principles
- Familiarity with data science
- Solid experience with R and/or Python
- Solid experience with D3.js. and/or Tableau
- Additional consideration will be given those with experience in: Biblioshiny, or other bibliometric tools is a plus. Node.js, geospatial visualizations, network analysis, JavaScript, and MySQL
- Ability to work independently
- Enthusiasm

Education

- Senior or Graduate student enrolled in Computer Science, Data Science, Visualization, or a related field

Work location: Remote from any US location