



Developer Opportunity DATA SCIENTIST

The Center for Open Data Enterprise (“the Center”) is a 501(c)(3) independent nonprofit organization based in Washington, DC. The mission of the Center is to maximize the value of open government data as a public resource, by focusing on data users

Role Description: The Center for Open Data Enterprise is leading a UN Sustainable Development Goals (SDGs) National Reporting Initiative, supporting governments around the world in their efforts to report on the SDGs for data-driven policymaking.

The Data Scientist will work with the Center to further develop the open-source [U.S. SDG National Reporting Platform](#), improve the [code](#) and the functionality of the platform to make it as useful and adaptable as possible. These improvements to open-source code will both strengthen the U.S. platform and make it easier for other countries to build on it. The Data Scientist will also review and create materials for developers in other countries interested in utilizing open-source code for SDG reporting.

Specific Tasks:

- Implementing automated reporting status dashboards
- Developing visualizations for disaggregated data by indicator
- Writing Javascript and CSS code to style interfaces and visualizations.
- Writing various database queries for visualizing, inserting, and manipulating data in the database
- Creating forking guidance for various audiences
- Other, to be determined

Skills & Experience:

Required

- Full stack web development including HTML5, Jekyll, Javascript, prose.io, and CSS
- Experienced with Python and R
- Proficiency using Git, Github and Github pages
- Experience with SQL databases
- Basic understanding of Linux environment (e.g., permissions, commands, LAMP stack)
- Visualization skills/concepts for data explorations
- UX/UI design skills (eg. user requirement generation, etc)
- Commitment to careful, detailed quality control

Preferred

- Excellent communication with both technical and non-technical stakeholders
- Ability to work independently and take initiative

- Experience with D3 or other visualization tools
- Experience with Ruby
- System administration for web servers
- Experience developing training materials for technical and non-technical audiences

Application Closing Date: September 28, 2017

To Apply: Email Laura Manley, Director of Programs at laura@odenteprise.org. Please include a cover letter, 1-page CV, and link to your github account.