

2020-03-09

[Scope 3 Consulting LLC](#) is a Santa Barbara based consulting firm specializing in life cycle assessment, environmental footprinting, pollution prevention, material flow analysis, waste and recycling, and bio-based products. We are looking for candidates in several areas.

Position: Life Cycle Analyst / Project Lead

Primary Duties: Review background data, documentation, models, and results associated with life cycle assessment (LCA) studies, and communicate about them to clients in written, numeric, graphical, and/or presented format. Support ongoing client contracts, research tasks, and development of new projects.

Required Skills: Analytical capabilities. Communication skills. Google docs+sheets. Project management. Programming tools: R/RStudio, Markdown, python, TeX/LaTeX, git/GitHub.

Ideal Skills: Familiarity with life cycle assessment / industrial ecology; Excel; Proficiency in any programming language.

Position: Data Scientist

Primary Duties: Support the ongoing development of workflows for generating, visualizing, and interpreting quantitative results from scientific models of product life cycles, material flows, and footprints.

Required skills: Demonstrated expertise in any free software platform suitable for data science: R/RStudio, python, javascript/d3, others. git/GitHub.

Ideal Skills: Experience creating interactive graphical software tools. R/RStudio and d3.js highly valued. Statistics and inference. Good software design practices (documentation, unit testing, packaging). IT Project management.

Position: Software Developer, front-end

Primary Duties: Develop custom, browser-based interactive tools for scientific modeling to support the creation, review, and revision of models (staff facing) and interactive visualization of results (staff and/or client-facing).

Required skills: Demonstrated expertise in any interactive web framework (js/React/Angular/etc, python/django/flask/etc, R/shiny, or others).

Ideal skills: Rapid UI/UX prototyping. Good software design practices; DevOps, testing, cloud integration; data science. Backend familiarity. API development / OpenAPI Specification.

Terms: we are small and growing. Work is project-based and part-time, starting at 10-20h/week with plans to grow as we build capacity and take on additional projects. We envision having the resources to make a salary-and-benefits commitment within a year. Wage is \$35-65+/h depending on qualifications (equiv \$70k-130+k salary); part-time, W2 employee, project-based, no benefits, NDA required, at-will employment.

Email resume and statement of interests to scope3@scope3consulting.com