

Yale University

Center for Biodiversity and Global Change, Map of Life

Front-End Web Developer Position

We are seeking a Front-End Web Developer to work with our growing team of developers and scientists at Yale University in New Haven, Connecticut. A main responsibility of the position will be to address user interface design and development, in particular for Map of Life (<https://mol.org>).

Map of Life aims to support effective and global biodiversity education, monitoring, research and decision-making by assembling and integrating a wide range of knowledge about species distributions and their dynamics over time. Built on a scalable web platform geared for large biodiversity and environmental data, Map of Life provides best-possible species distribution information together with a range of information and biodiversity indicator products.

Work environment:

The Front-End Web Developer will be part of a growing and interdisciplinary team of scientists and informaticians in the Yale Center for Biodiversity and Global Change (<http://bgc.yale.edu>). The center connects biodiversity and global change scientists from across the Yale campus and beyond. Yale has a thriving and growing community of postdocs and graduate students in ecology, evolution and global change science in the EEB Department, the Yale Institute for Biospheric Studies, the Peabody Museum, and the Yale School of Forestry and Environmental Studies. The town and campus are renowned for the classic Ivy League setting, 75 miles north of New York City.

Responsibilities:

The role of the Front-End Web Developer position is to participate in the design, development, deployment, and maintenance of MOL.org web applications and the API that support them. You will work collaboratively to deploy and operate our systems.

Position requirements:

- Experience developing responsive web applications using HTML5 and CSS3 on modern JavaScript frameworks such as Angular and React.
- Demonstrated record of documentation and optimization (include your GitHub/Bitbucket/GitLab handle in application)
- Basic proficiency in Unix-based systems
- Ability to work in a collaborative environment, receiving and providing feedback on code

- Capacity to incorporate user feedback directly into our products
- Demonstrated experience working independently and as part of a team
- Effective oral and written communication skills
- Eligible to work in the United States

Preferred skills:

- Knowledge of web application development frameworks (Angular, Flask, Webapp2)
- Server-side experience with Python
- Experience in designing, developing and consuming web services using RESTful API
- Knowledge of JS build and packaging tools (Grunt, Gulp, NPM, Browserify etc)
- Experience with Google Cloud Platform
- Experience with hosted platform-as-a-service systems such as Google App Engine and CARTO
- Experience developing geospatial applications
- Experience with visualizing large datasets

Start date:

As soon as possible (flexible)

Hours:

20-37.5 hours per week

To apply, please send a cover letter, resume, and 2 references to jobs@mol.org.