|  | model.earth |
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**Volunteer Welcome Letter Contributor Status:** model.earth/community/members

Welcome! You’ve been accepted to DreamStudio’s DemocracyLab model.earth data science team

The model.earth data science website is an open source collaboration of the US Environmental Protection Agency, DreamStudio and DemocracyLab volunteers under the guidance of Loren Kevin Heyns, the owner of DreamStudio. The model.earth website provides US EPA interfaces for 50 states using US Environmentally-Extended Input-Output (USEEIO) data, Exiobase International Trade Flow data and Google DataCommons.org UN Goal timeline data.

Individual:bob obrien

Individual Email:bobobrien@gmail.com

Individual Phone:0000000000

Individual GitHub Account:bobObrien01

School and Degree:Harvard, Bachelor of Arts in Mathematics

Date of Degree Completed or Anticipated: 2020-05-27

OPT University Department:

OPT University Department Email and/or Phone:

Job Title: **Data Scientist / Full Stack Developer**

Job Description: Data Prep and Web Visualization

Working hours: 21 hours per week unpaid volunteer position

Starting date: 2024-07-26

End date: 2025-07-20

Location: Remote, Google Meetups

**Project Description**

Multistate frontend to US EPA Sustainable Material Management (SMM), Exiobase and Google Data Commons.

Data Pipeline using SQL, Python and JavaScript with Census API Timelines, Machine Learning and Open WebUI.

Working with UN Sustainable Development Goals, Observable D3 Framework, Supabase, DuckDB and Streamlit.

Project Organization: DreamStudio, 721 Grant Street SE, Atlanta, GA 30315 EIN: 81-1513294

Project Coordinator: Loren Kevin Heyns

Coordinator Email: loren@dreamstudio.com

Coordinator Phone: (678) 468-1000

Coordinator Signature: **Email to Loren to sign. Thanks!**

Pleaes change the Job Title and Description above to match your skills and interests.  
Our Active and Inactive registrants are listed at model.earth/community/members for OPT program admin.  
Contact Loren when you retire from active status. You can continue to participate as an honored Alumni.

Loren Kevin Heyns July , 2024



**DreamStudio** 721 Grant Street SE, Atlanta, GA 30315-1421 (678) 468-1000