

Lead Developer

Application Period: Application review will begin immediately and applications will be accepted until June 1, 2017.

Based at: Berkeley Global Campus – Richmond, CA

About New Sun Road:

New Sun Road is a benefit corporation dedicated to providing technology for energy access and low-carbon power systems. We find it unacceptable that more than one billion people in the world have no electricity access and believe that climate change poses a critical threat. Our mission is to accelerate the deployment of reliable, affordable solar power systems that provide people in poor or remote areas the electricity they need to start new businesses, access information, improve education and health services, and live a more comfortable life with a low ecological footprint.

Our founding team came from the departments of Energy and Resources, Electrical Engineering, and Environmental Science at UC Berkeley, where we spun off from a research group in 2013. We have operated a successful solar microgrid prototype on the Ssesse Islands in Lake Victoria, Uganda and are in the exciting process of growing and taking our hardware and software solutions, developed through that process, to scale. Our current key partners include Microsoft and UC-Berkeley, as well as other Fortune 100 technology companies and renewable energy developers.

Job Brief: We are searching for a creative, motivated, and self-disciplined lead developer who is passionate about renewable energy and combating global poverty. We seek a full-stack javascript developer to help build NSR's platform in a fast-paced environment. The successful candidate will demonstrate an ability to understand requirements, translate them into good software design, write terse, maintainable code, test code, and deliver working software to the product team.

As part of a small, dynamic, and growing team, you will be expected to fill multiple roles and take on broad responsibilities. You will have the opportunity to work on unique renewable energy projects with meaningful social impact all over the world. You will learn in detail the designs of New Sun Road software and IoT devices during a training and trial period, after which you will begin to assume responsibility for the technical execution and design iteration of projects.

Compensation: New Sun Road is a startup organization with social, environmental, and profit-making goals. Our culture is based on cultivation. We seek candidates with a shared sense of mission who wish to be partners for the long term, as we build a durable organization. Compensation will be commensurate with experience and may include a portion of equity. An internship period may be explored with candidates having less experience.

To Apply: Please send a resume and cover letter, and any questions to jalel.sager@newsunroad.com.

Responsibilities

- Front-end and back-end javascript development
- API design and implementation
- integration with third party services

Skills

Must

- Have significant experience developing with javascript
- Have some familiarity with front-end frameworks (Angular 2 preferred)
- Be able to work independently with minimal supervision
- Have experience designing modular software components
- Have good communication and organizational skills
- Have familiarity with agile development practices
- Have familiarity with common software design patterns and best practices

Should

- Have 2+ years experience developing software in commercial environment
- Have familiarity with responsive design
- Be comfortable with css, scss, sass
- Have experience developing nodejs applications
- Have some experience with unix systems - deploying software, version control,

Prefer

- Some UI design sense
- Some experience with mongo or other noSQL database
- Familiarity with IoT applications, circuits and communications, embedded systems