



Posted: May 5, 2021

## **Embedded Software Engineer to Develop Off-Grid, Mesh-Networked Renewable Energy to Extend the Reach of Electricity and Fight Climate Change**

Help develop the power optimization and intelligence capabilities of “thinnest-in-class” and embeddable power electronics. Your code will go inside solar and wind modules and energy storage devices to create smart, compact, and easy to install renewable energy that reaches novel applications and new locations: architectural and building integrated, transportation, remote and off-grid, and more.

Uplift Solar Corp. is a Las-Vegas based start-up company founded in 2018. A finalist in the American Made Challenge Solar Prize 3 and Regional Winner of the 2020 Clean Tech Open (West), our company has proven its innovative power electronics and advanced it to the stage of co-development with various technology partners. We are actively working with manufacturers of solar and wind energy generation devices and testing our technology in Huntsville, AL and Barranquitas, Puerto Rico. As a 100% remote work force, we look for and are excited to work with people who want to solve hard technological problems that in turn solve hard global problems -- in this case, advancing the spread of affordable electric power while responding to climate change by increasing renewable energy sources for electricity.

### **Position Description**

Our power technology includes DC power optimization, sensing, edge processing, and communication. We need to build a sophisticated “true mesh” communication layer that allows multiple devices to coordinate with each other and a broader IoT array, with and without internet or cloud connectivity. A strong candidate finds this an interesting challenge to tackle and is excited about the use cases and applications it could serve.

A successful candidate will have experience that demonstrates the ability to collaborate, communicate technical information across an interdisciplinary team, troubleshoot and problem solve, and write concisely for both business and technical purposes.

Particular skills required to meet our needs include software development, including experience with embedded software and embedded firmware. Experience with board bring-up, Bluetooth low-energy, and securing IoT interfaces is a plus.

Our preference is to hire someone full time, but part-time or contract work is possible. Pay and benefits are commensurate with market rates, negotiable based on experience and hours per week.

Join our team from the location of your choice -- no moving, no commute, and no dress code. We work hard to achieve our goals of making a positive difference in the world, but do so



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believing that work should be fun and balanced. If you enjoy a lean and closely-knit team, technology sprints to innovate around hard problems, and achieving meaningful milestones, you will enjoy working with Uplift Solar.

### **Apply Now**

Please send a resume with short cover letter or email to the name and email address listed below. Cover note should detail why you are interested in this position and highlight relevant experience. We will respond by email to inform you whether we are interested in scheduling a telephone interview.

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