



JOB DESCRIPTION

SENIOR ELECTRICAL ENGINEER

Job Location: San Francisco Bay Area, California, USA

Reporting to: Director of Product Engineering

Travel: Regular travel (80% time) to China during first 3-6 months, decreasing to 10-20% (1-2 weeks per quarter) long term.

Position Expectation

d.light is hiring a Senior Electrical Engineer with strong experience in product design.

We are looking for someone who has a passion for designing and building innovative new products that will improve the lives of millions.

The position requires working in a multi-cultural, diverse and dedicated team of human factor specialists, product designers, mechanical engineers and testing engineers to design solar-driven consumer-electronics products.

Position Description

Concept Designs and Feasibility Studies

- Brainstorm new ideas and create new designs with the engineering and design teams.
- Upgrade existing designs of products to improve efficiency and performance.
- Build prototypes of concepts to determine technical feasibility via in-field testing.

Design for Manufacturing

- Work with operations team to optimize design for manufacturing from concept stage.
- Assist operations team when new products go into production.

Team Building

- Recruit and mentor junior engineers.
- Project management.

Requirements

- Masters in EE from top-20 engineering university + 8years experience.
- Extensive experience personally creating new designs and seeing them through to mass production.
- Experience working with overseas manufacturing.
- Capable of analyzing and designing consumer electronics circuits optimized for cost and power efficiency.

- Expertise in digital, power, analog circuits, microcontroller assembly code, circuit prototyping, and PCB layout and assembly.
- Excellent written and verbal English communication.

Desirable

- Experience with solar photovoltaic cells, battery charging, mobile phone charging, and LED driving.
- Interest in products for the developing world, social and humanitarian goals.
- Mandarin Chinese language skills are a bonus.

How to Apply

Submit cover letter and resume to hr-sf@dlightdesign.com

About d.light design

d.light design is a fast-growing international consumer products company serving people without access to reliable electricity. Our mission is to enable households without reliable electricity to attain the same quality of life as those with electricity. We will begin by replacing every kerosene lantern with clean, safe and bright light. By 2020, we aim to have improved the lives of 100 million individuals.

d.light is financed by prestigious venture capital firms including Nexus Venture Partners, Draper Fisher Jurvetson, Garage Technology Ventures, the Mahindra Group; with investment from leading social enterprise funds Omidyar Network, Acumen Fund and Gray Matters Capital. We were recently awarded the Ashden Award for Sustainability and named for the second year in a row as one of the world's top 100 clean technology enterprises by the CleanTech Group.

To learn more, please visit www.dlightdesign.com.

