



*is this you?*

then read on....

## JOB DESCRIPTION

## CHIEF TECHNOLOGIST

## HONG KONG



---

### Description

“Are you an electrical engineer with a flair for design and a passion for consumer electronics? Do you want to see your work change the lives of millions of families living without electricity? Then read on ... you may be the Tech Specialist we’re looking for!”

D.light is hiring a **Chief Technologist** based in **Hong Kong** with strong experience in front-end product development. We are looking for someone who has a passion for designing and building innovative new products.

Imagination and a spirit of experimentation are crucial to this role. You need to invent, creatively brainstorm, and take the lead on technology development in our design team. You must have a strong knowledge of circuits, EE tools, programming and new technologies to collaborate with our EE and ME engineers in China. You should be conversant in what makes design affordable, appealing and marketable. You are passionate about building technology prototypes quickly including functional, proof of concept and rigs. You cannot keep still until you see ideas come alive! The position requires someone who is flexible and adaptable; someone who can easily transition back and forth from envisioning new product experiences to bringing them to the production floor. We are looking for someone who is passionate about their domain, creating positive change, and joining a young and rapidly growing company with 80 employees (from marketing through to production), in our four offices (India, Tanzania, Hong Kong and China).

The position requires working in a small, multi-cultural, diverse and dedicated team consisting of a human factor’s specialist, product designer, and manager. The team liaises with our China office, including mechanical, electrical, production, testing and operations teams. Together we design and manufacture consumer electronic products (solar for now!) for our off-grid consumers. We currently produce lighting and mobile phone charging solutions, and have plans to broaden our product range this year.

That's where you come in...

### Position Responsibilities

- Brainstorm new ideas, create new product and technology concepts, and explore technical and economic feasibility of new products with the Product Design team.
- Build product / technology prototypes exploring a wide range of product experiences and test new innovations with consumers in Africa and India.
- Outsource early-stage technology development modules, to go from black boxes to in-depth engineered solutions. Assist engineering and production teams to optimize design for manufacturing.

## Qualifications & Experience

- EE background preferred (7-10 years experience minimum) with a front-end focus (R&D, technology innovation, new product design, experimentation, tinkering, etc). Practical experience is much more important than theoretical knowledge, so if you've been messing around in a shed at the end of the garden, then we want to know about it.
- Must have proven experience bringing products to market. We want you to be cutting edge and experimental, but also have a good handle on reality, so that we can implement your great ideas and bring them to fruition. If you've worked with solar and rechargeable batteries before, then that is a boon. Experience with consumer electronics is required.
- Worked with different disciplines/departments before, not just engineers, and be comfortable with design-thinking/experimental approaches and environments which are typically "fast-and-loose".

## Technical Abilities

- Out of the box thinker when it comes to technology. If you've done product hacking before, we want to know about it!
- Ability to make technology prototypes fast.
- Excellent skills and knowledge in digital, power and analog circuits.
- Know where to look to find the rules of solar panel/system design; have the capability to interpret them and come up with something really great.
- Able to program – we're not picky, but you should know at least one programming language and develop efficient charging and power utilization algorithms.
- Have poked around with batteries, solar and LED technologies; a "geek" when it comes to interest in new technologies.

## Work Style and Character

- Must have a questioning, inquisitive mind.
- Willingness to travel highly appreciated. You have to make a long-term commitment to Hong Kong and have the flexibility to travel to our other offices and visit consumers around the world.
- "Can-Do" attitude; flexible and adaptable.
- Excellent communication and presentation skills – written and verbal. You must be articulate, expressive, clear, and be able to get to the point.
- Major bonus if you can explain anything you've done to a five year old.

## About D.light

D.light is a lighting and power company that delivers affordable and high quality solutions to serve families living without adequate electricity. By 2020, we aim to have improved the lives of 100 million individuals.

D.light is a financed by prestigious venture capital firms including Omidyar Network, Nexus India Capital, Draper Fisher Jurvetson, Garage Technology Ventures and the Mahindra Group; with investment from leading social enterprise funds, including the Acumen Fund and Gray Matters Capital.

**Apply here**

**[hr-hk@dlightdesign.com](mailto:hr-hk@dlightdesign.com)**