



Senior Electronic Engineer

Luminary is looking for a Senior Electronics Engineer with exceptional design skills and mass production experience to help effectively design a new generation of electronic musical instruments.

We're looking for an engineer who is well-versed in digital and to some degree analogue electronics and excited about people learning music to join the Engineering team at Luminary. We're at a critical point in planning our future developments and we need the expertise and insight of an experienced engineer to help us scale and fulfil our bold ambitions within the music tech world.

As a Senior Electronics Engineer at Luminary, you will work closely with a multidisciplinary team and key stakeholders within the business, and report directly to the Director of Hardware Engineering. As a sole electronic hardware engineer, you will be responsible for all electronic hardware issues related to new designs as well as existing designs. We have regular standups, communicate a lot, support each other, value each other's opinions, and constantly strive to collaboratively improve our working environment.

What you'll do:

- Oversee the Electronic design of new products, from concept to completion.
- Provide vision and direction for new projects, alongside the team.
- Develop the electronic and embedded firmware designs to realise new products.
- Support existing products which are in production or about to go into production.
- Provide knowledge and support on design for manufacture and commercial engineering projects.

What you'll need:

- A minimum of 10 years in consumer electronic hardware and firmware design.
- Experience working with ARM STM32 and Nordic microcontrollers.
- Experience with power supply management, battery charging, and designing with transistors, MOSFETS and Op Amps.
- In-depth knowledge of PCB design and layout using Altium, including designing for manufacture and test.
- Experience of hardware validation, configuration, and low level programming in C / C++ using Eclipse IDE.
- Experience of designing for international regulatory requirements - EMC, Radio and Safety.
- Excellent communication skills, flawless written English.
- An inquisitive mind and demonstrable examples of implementing proactive solutions
- Superb and demonstrable time-management skills and the ability to work independently.



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- Excellent interpersonal skills and the ability to work effectively with employees at all levels.

Bonus points:

- Knowledge and experience of working with wireless connectivity solutions (example Bluetooth) and sensing systems.
- Knowledge of MIDI and other musical data exchange protocols.
- A passion for music, technology and/or startups.
- Experience working at a startup company.

Luminary ROLI offers:

- The opportunity to work with the leading minds within technology, hardware, and music creation to directly impact the way we create and interact with music
- A competitive salary according to your level of experience
- A range of meaningful benefits including:
 - Following probation, a competitive health care cash plan and a generous bike-to-work scheme
 - A competitive company pension scheme following 3 months of full time work
 - 23 days holiday with 2 additional social impact days and the standard 8 statutory holiday days
 - 20 hours per year dedicated to volunteering within the local community
 - Flexible working hours
 - 'Lending Library' of all ROLI products
 - Team member discounts on ROLI products
 - Apple laptop and relevant software licenses for your role
 - Generous Parental Leave policy
 - *Currently on hold due to COVID-19 remote working:*
 - *A great working environment, featuring daily complimentary homemade plant-based lunches and limitless homemade GOLDnola*
 - *Wellness programme which includes regularly offered massages*
 - *Friends and family events*
 - *Company-wide Hack Days and workshops to expand your skills*
 - *In-house bike storage*
- The majority of our team members are currently working remotely due to COVID-19. We will discuss the latest updates with regards to remote working as part of our interview process.

Luminary ROLI Ltd. wholeheartedly believes that difference stimulates a healthy and productive environment, as well as positively impacts the products we create. We actively encourage diversity of background and perspective, and as an equal opportunities employer, we oppose all forms of unlawful or unfair discrimination in all of our employment related processes and matters.