



Senior Unity Software Engineer

Luminary is looking for an experienced Senior Unity Software Engineer with a solid understanding of programming and proven production experience for our LUMI Music Apps. This software drives our music learning platform, LUMI.

[LUMI](#) is changing how people play and learn music by offering an integrated hardware and software experience for learning how to play the piano. LUMI was initially launched on Kickstarter and became the most successfully backed musical instrument on the platform, making Time magazine's top 100 inventions for 2019. The Senior Unity Software Engineer will play a key part in helping us to grow and evolve this innovative product as we deliver against an exciting roadmap.

As a Senior Unity Software Engineer, you will take an active role in the development of the LUMI Music App, working closely with the other developers and the key stakeholders on the product. You will be responsible for prototyping, developing new features, fixing bugs, maintaining the current code base, and driving architectural improvements. You will also be responsible for the app's technical integration with our APIs and other 3rd party services.

Responsibilities:

- Prototyping, developing new features, bug fixing, and maintaining the current code base,
- Identify risks and opportunities presented during the development and provide solutions to resolve challenging problems,
- Working alongside project managers to deliver projects on time and according to requirements and keep projects in scope,
- Work in a highly practical Research-and-Development and product-driven culture,
- Work with Hardware, Software, and Design teams to develop cutting edge products,
- Ensure best practices are implemented and maintained,
- Advocate for and lead architectural improvements to maintain consistent quality standards.



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Requirements:

- Degree in Computer Science or similar technical field of study,
- 5+ years of professional experience in Unity & C# development,
- Proven hands-on experience implementing algorithms for AR and Computer Vision applications,
- Able to write and maintain efficient, reusable, and reliable code,
- A proven track record of shipping high quality production apps,
- A proven understanding of system design patterns, memory performance optimisation and Test-Driven Development,
- Strong time-management skills and the ability to work independently,
- Strong interpersonal skills with the ability to work effectively with employees at all levels,
- Excellent communication skills in spoken and written English.

Nice to have:

- Experience working with C++,
- Experience of audio software development in JUCE,
- Experience with integrating native plugins into Unity,
- Experience working with RESTful or GraphQL APIs,
- Experience working with MIDI standard,
- A passion for music and technology.

Who we are:

Luminary's mission is to enable more people to experience the transformative power of life-long music making. We do this by making the whole process of music learning and practise more inspiring and effective. We are a hardware, software, and content music technology company based in Dalston, London. Our focus on pioneering new and innovative technological solutions to the challenges that face music learners and makers has meant that our products are used by composers, producers, artists, engineers, and hobbyists worldwide.

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:



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- 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 licences 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 wholeheartedly believes that difference stimulates a healthy and productive environment, as well as positively impact 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.