

## Embedded Software Engineer

We are on the hunt for a like-minded individual to join the Research & Development team as an Embedded Software Engineer. This role can be adjusted to be part-time, 4 days a week, or full time.

### The opportunity

As ENTTEC's Embedded Software Engineer, you will work in a cross-functional R&D team to develop innovative firmware that will be part of our world-class products. You will have a willingness to learn, offer your innovative ideas and collaborate to provide technical solutions that you are proud of. You will be responsible for the design, development, testing and debugging of firmware systems (firmware for embedded devices). Including products and tools required for the operation and programmable products and systems. Working within the R&D and production team, you will collaborate with other team members to create and update the next generation of world-class lighting control systems. We trust you to build and create to the best of your ability and we will support your dream of creating innovative masterpieces that you will be proud of.

### What you'll do

- Work with the R&D team to create and modify ENTTEC products.
- Design and development of Firmware and Software.
- Directing production with testing of new ENTTEC products and troubleshooting errors.
- Supporting the manufacturing/ production team with electronic/ design related issues.
- Troubleshoot and analyze defective bugs affected electronic products.
- Liaise with the Product Team to ensure all manuals and documentation are current.
- Provide technical support to the production team and recommendations for new and existing products.
- Evaluate systems and recommend design modifications or repair.
- Maintenance of automation robots in production.
- Inspect products/ systems to ensure they meet safety standards and applicable regulation.
- Evaluating operational systems and recommending design modifications to eliminate issues.
- Train and inform the production team of new products.

### What you can bring

- Tertiary qualification in Software Engineering or equivalent and;
- Qualification in Electronics highly preferable.
- 4+ years in a similar role.
- Solid experience in general electronics environment.
- Experience in a manufacturing environment.
- Experience in writing design documents and test procedures.
- Experience in working on a product from concept to manufacture.
- Environmental testing.
- Ability to design and debug systems.

## Skills and knowledge

- C / modern C++.
- Embedded software.
- Python (or other scripting languages).
- Good expertise in Linux.
- CI/CD process (Azure is used).
- Understand drawings and technical electronics specifications.
- Digital and Analog electronics.
- Familiarity with CAD packages (Altium Designer).
- Critical thinking.
- Complex problem solving and methodical mind.
- Strong technical background.

## Nice to have

- Excellent problem-solving skills in firmware, software and electronics.
- Ability to work under pressure and in a fast-paced environment.
- Excellent communication, both written and verbal.
- Strong time management and organizational skills.
- Able to self-motivate and organize work without prompt.
- Positive can-do attitude.
- Ability to work towards targets/ deadline.
- A keen interest in new technologies and LED lights.
- Ability to write technical documentation.
- Ability to work in a team and independently.

## Culture and Perks

- Work in an environment that is designed to be diverse and engaging.
- A culture of experimentation and creative freedom.
- A part-time permanent role, with the opportunity to become full time, starting ASAP.
- Knowledge sharing and cross-training when possible.
- Working with amazing people.
- Not two days will be the same.
- Be part of a team who care and support one another.

This is your chance to work in a creative and high-achieving team. If you believe you have what it takes, then we'd love to hear from you. Email [jobs@enttec.com](mailto:jobs@enttec.com) or click on "apply now". Attach your application (cover letter and CV), telling us why you would be perfect for this role.

APPLY NOW