

## Design Mechanical Engineer

We are on the hunt for a like-minded individual to join the Research & Development team as a Mechanical Engineer. This role is currently part-time, 3-4 days a week, with the opportunity of becoming full-time.

### The opportunity:

As ENTTEC's new Mechanical Engineer you will work in a cross-functional product development team to develop innovative drawings that will become world-class products. You will have a willingness to learn, offer your innovative ideas and collaborate to provide technical designs you are proud of. We encourage you to show your real passion for technology to help and inspire others in ENTTEC. 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:

Reporting to the Research and Development Manager you will be responsible for:

Conducting Project Management for design and manufacturing of LED fixtures:

- Establish a task list and timing for each product.
- Communicate milestones and requirements for each task to the involved team.
- Follow progress on each task and manage the good progression through the development cycle.
- Work within the budget constraints defined on a project by project basis.
  
- Design sheet metal and extruded housings for our range of control products.
- Work on the application and example wiring diagrams/sheets.
- Product renders (KeyShot).
- Support the Customer Service Team with drawings when needed.
- Mechanical design for all ENTTEC products. This includes non-LED products.
- System diagrams (user manuals, app-notes and client requested drawings) for all ENTTEC products.
- Programming and operating CNC machine, setup.
- Creating assembly and QA manuals.
- Liaising with suppliers.
- Liaising with the Manufacturing Department to identify and solve manufacturing issues prior to production.

## What you can bring:

- Tertiary qualification in Mechanical Engineering or similar.
- 2 years' experience in a Mechanical Engineer role.
- Experience using CAD/Fusion 360.
- Experience in CNC Programming HAAS Controller.
- Experience using KeyShot.
- Experience in working on a product from concept to manufacture.
- A strong drive for results and an ability to self-motivate.
- Innovative and can communicate new ideas and engage in technical and business discussions.
- Strong attention to details and can work well under pressure to meet deadlines.

## Nice to have:

- A keen interest in new technologies and LED lights.
- Ability to write technical documentation.
- Ability to work in a team and independently.
- Open-minded, willing to experiment with new ways of doing things and open to receive and providing constructive feedback.

## Culture & perks

- Working environment that is designed to be diverse and engaging.
- A culture of experimentation and creative freedom.
- A permanent part-time role with the chance to increase hours.
- Knowledge sharing and cross-training when possible
- Working with amazing people.
- No 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.

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