

CAD Engineer - Avolites Ltd

Employment address:

Avolites Ltd.
184 Park Avenue
London
NW10 7XL

Contact Details

Richard Salzedo, Managing Director
ric@avolites.com
0208 965 8522

Introduction:

Avolites designs and manufactures theatrical lighting control systems which are in use worldwide, full details of the company can be found at www.avolites.com.

As part of the design team you will be working on new designs and improving existing designs. The mechanical design team uses a number of CAD packages but you will be principally using Autodesk Inventor, AutoCad and Corel Draw. A working knowledge of these would be an advantage. However full training can be given. the Hardware design team consists of 3 designers.

Brief description of duties:

Using Inventor and AutoCad and working on your own, but under the supervision of the senior design engineer you will,

Create:

- Part and assembly modelling for new products
- Engineering drawings for internal engineering or/and for manufacture by our metalworkers
- Assembly drawings and screen grabs for assembly documentation
- Modelling library parts from PCB data to link libraries and PCB/ 3D design
- Automated 2D cad drawings for sales purposes.
- Picture files (manufactured parts) for stock control purposes
- Detailed product drawings for sales purposes including dimensioning weights etc.
- And maintain a "library" for sales usage drawings from (format likely to be PDF)
- Rendered files and animations for sales (for instance on dimmer configurations) and renders/animations for development discussions.

Additionally there will be opportunities (and an expectation) to check designs actually work within production by being closely involved in pre production assembly and assist with difficulties that may arise in production during a product's life cycle.

Person requirements:

Generally a perfectionist with a good eye for detail and desire to get things right first time. You should be able to work in a steady through deliberate organised manner with a questioning approach to detail and the ability to keep working on a project until it is complete.

Skills:

- Good computer literacy with familiarity to MS office
- Proficient with a 2/3D CAD application with Autodesk Inventor or AutoCad preferred
- Knowledge of Corel Draw or similar application.
- Good command of English both written and spoken

Dress Code:

Smart casual

Job type:

Full time Permanent Position

Hours:

Basic 40 hour week we are able to be flexible regarding start and finish times.

Pay rate:

Excellent pay

Benefits:

Free tea coffee

About Avolites:

Avolites designs and manufacturers products for Theatrical Lighting. Our products are sold world wide through direct customer sales and through our own distribution network. Currently there are 40 full time employees. We recognise that we come to work to earn money, but our intention is to make the time spent at work as enjoyable as possible. We ask for a high level of commitment and enthusiasm from every employee, so as to ensure every customer receives excellence in every way, in return we as Directors will do all we can to ensure every employee is treated as and individual.

Generally days at Avolites are busy and the atmosphere is friendly, welcoming and professional. The vision for the company is to ensure we create sustainable long term enjoyable employment for the benefit of all.

If you feel that you want to work in the environment which is described above and you can positively and consistently contribute to this then please request and return an application form, ideally by email, from:

ric@avolites.com

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You can find out more by visiting our web site at: www.avolites.com