Trainee Audiovisual (AV) Project Engineer

Area: Greater London / Central London
Office Location: Old Street
Contract: Full time, permanent
Benefits: Salary + Overtime, Laptop, Phone

The Organisation: Based in Central London, Crossover are one of the UK's leading AV Systems Integrators. We design, supply, and install a very wide range of audio & audiovisual systems for many types of commercial organisations, across several market sectors (public / corporate / retail / leisure & entertainment). Crossover is a dynamic business, operating within a healthy and growing industry sector, and we offer huge opportunities for personal development and for career progression.

The Opportunity: Working as a Trainee Project Engineer you will support the Systems Design and Project Management teams, creating and updating documents, such as AV system schematics, architectural drawings and health & safety documentation. This is primarily an office / computer-based role that suits a very careful, detailed and conscientious approach to work and a real interest in audiovisual technology. Your role will likely be very varied, and will also include helping out within a larger team in other ways, as we often pitch in and support each other as required. We are looking for someone who has a real drive and who is looking to work hard in order to fast-track themselves and their skills through diligent hard work and commitment. Your task list will rarely be the same two days in a row, and your role will develop quickly as you build your skill-set and knowledge.

Day-to-Day Tasks:

These will be the core responsibilities of the successful candidate. You would be fully trained on these processes, and undertake continued self-learning to become extremely proficient and efficient at them.

- ***Producing AV systems schematics*** – Working with the Systems Design team to create schematic diagrams using industry standard software packages, which show how AV system components interconnect (demonstrating how audio/video/control signals flow from input to output devices, what type of cable is used etc.), and how rack equipment should be arranged ('rack elevation'). These schematics are issued to the teams installing and commissioning the AV systems, and ultimately to the end client for their reference. This requires computer literacy, attention to detail and an understanding (which will be developed in the job) of how different equipment connects together in an integrated AV system.
- ***Layout drawings (CAD)*** – Architectural layout drawings are necessary to show installers, clients and other site contractors where the different elements of the AV system will be situated in the client's premises. We use AutoCAD software, a standard across this and many other industries, typically adding the AV elements onto existing layout drawings of the site provided by the client.
- ***Sales documents and proposals*** – Contributing information, pictures and diagrams, potentially visualizations, and other technical details needed for proposal documents (quotes).
- ***Health & Safety documents*** – For each installation project we create RAMS (Risk Assessment, Methods Statement) documents, which outline potential risks with the physical work to be undertaken, controls to minimize those risks, and a statement of safe working methods when undertaking work. *Design work* – May be required for bespoke product fabrications.

Your role will also include:

- Shadowing and closely assisting senior members of the team who are responsible for designing, specifying and pricing AV systems
- General administrative duties to assist with the smooth running of the team, such as; occasional assistance with logistics and purchasing; contributing to our blog and website; technical researching for projects
- Some work 'on site' (during site surveys / support visits etc.)
- Learning and/or developing skills in other specialist software
- Attending training courses & trade exhibitions

The right candidate will be:
- Reliable, hard-working and enthusiastic
- Organised, with excellent attention to detail
- Technically minded. A qualification relating to professional audio, AV and/or IT is not a prerequisite, but would be an advantage
- Deeply interested in the world of audio and audiovisual systems, technologies and equipment
- Looking for a diverse role that's based mainly at a computer, but adaptable enough to work 'in the field' at client sites when required
- Fully computer literate
- As happy and comfortable working alone for a whole day, as working closely with others
- Able to communicate effectively verbally and in writing
- Based in or near London

The right candidate will have:
- A flexible 'can do' attitude. This includes a willingness to work overtime and unsociable hours if necessary; an overtime scheme will be agreed
- An aptitude for technical thinking and technical work. Specific AV skills or experience are an advantage rather than an essential prerequisite
- Full UK working rights
- A full driving licence would be an advantage, but is not a prerequisite
- A professional attitude and an understanding of how to act appropriately and professionally in a variety of different environments

Career development:
There is scope within the business to develop as per your strengths and interests. This could include, but is not limited to:
- AV Systems Design - conceiving how best to fulfil a client brief with available technology, costing and sourcing system components
- Graphics and visualizations, which could also include some elements of AV product design
- Project Management – liaising with clients, design teams, installers and other contractors to deliver AV projects on time and budget
- Service and Technical Support
- Logistics and Procurement

How To Apply

Please send a full detailed CV including references, and a covering letter explaining why you would be suited to this role. Please apply via e-mail only. Please state when you would be available to start full-time employment. You must be living and working in the UK legally. No agencies please.

recruitment@crossover-av.com