C++ Developer

Mo-Sys Engineering Ltd
Permanent, Full-Time
Cambridge CB5 8LA

About the Role:
This is a rare opportunity for an experienced C++ Developer to work with a leading designer and manufacturer of advanced camera robotics and game-changing virtual production technologies for film, TV, and live broadcast. You will be working on software development projects, collaborating on the development of software applications, and obtaining and integrating end-user feedback.
To be successful in this role, you should exhibit mid- to senior- level C++ software development skills and experience in collaborating on software development projects. We're looking for someone whose software development expertise translates into highly functional and user-friendly applications.

What You'll Do:
- Design, build, and maintain efficient and reliable C++ code
- Use game engines such as Unreal and Unity
- Collaborate with the software development team on application design and development
- Work on extensions of existing products
- Suggest and implement improvements on current products
- Perform diagnostic tests and debug procedures
- Plan, design, develop, manage, document, test, deploy, and support new and existing modules
- Document processes and maintain software development records
- Support and mentor more junior developers
- Keep up to date with C++ standards and advancements in application development

What We're Looking For:
- Higher degree in computer science, information systems, or similar
- C++ certification preferred
- Practical work experience as a C++ software developer
- Current knowledge of C++ compliant languages such as Python
- Experience in deploying software across a variety of platforms and operating systems
- Knowledge of SQL, JavaScript, and XML
- Good analytical and problem-solving skills
- Excellent collaboration and communication skills
- Great organisational and time management skills

Benefits & Perks:
- Flexible working hours

- Casual office environment
- Private health insurance
- Group life insurance
- Cycle to Work scheme
- Discretionary annual bonus
- Summer BBQs and social events

About Us:
Mo-Sys is an award-winning, world-renowned manufacturer of virtual production solutions and camera robotics for film, HETV and broadcast, empowering high-quality AR, VR and virtual production.

We ship to broadcasters in 40+ countries to a customer base including BBC, Netflix, Fox, CNN, ESPN and Sky. Mo-Sys remote heads and robotics are used on many Hollywood blockbusters including Life of Pi, Birdman, Shape of Water, Tron, Source Code and Adjustment Bureau. We have also delivered boundary-pushing technology projects in close collaboration with clients like Red Bull Air Race and the film Gravity.

We pride ourselves on having endless creativity, a "can do" attitude and a friendly family feel to the company. We're looking for people who want to make a difference and have a hardworking and collaborative attitude.

The above list of job duties is not exclusive or exhaustive and the post holder will be required to undertake such tasks as may reasonably be expected within the scope and grading of the post. Job descriptions should be regularly reviewed to ensure they are an accurate representation of the post. (14/12/2021).