

RIVET

GAMES

Role: Software Engineer

Location: Stirling, with some remote working opportunity

Term: Full-time

About Rivet Games

Rivet Games was setup by veterans of Dovetail Games in 2019, and currently has a staff of 18 that produce top quality content for a variety of video games. Our add-on packs for the Train Simulator games released include some of the highest rated content ever produced for Train Simulator.

Role overview

Rivet Games is looking to recruit an enthusiastic and talented Unreal 4/C++/Lua Software Engineer to work as part of a small and passionate team developing add-ons for train simulation. The successful candidate must have the ability to design, develop, document, test and maintain systems and features as well as demonstrate the key soft skills required to work within a team to deliver high quality add-ons.

Responsibilities

- Analyse the operation, control and performance of the vehicles and systems we are modelling
- Design ways of implementing this behaviour using available host product technologies and tools
- Estimate the effort required to implement projects and advise when systems cannot be practically simulated with the available technologies
- Create efficient implementations and provide options for performance improvement if issues arise
- Tune simulation characteristics to match real-world performance
- Provide technical support for console and PC

What we are looking for

- Robust software engineering skills
- Passion and aptitude for simulation system development
- C++ and Lua programming skills
- Proficiency in maths/3D algebra
- Good understanding of vehicle physics
- Familiar with Unreal 4 or a similar game engine
- Ideally familiar with console development (PS4/Xbox)
- Good communication and team working capabilities
- Interest in trains and real-world simulation

Rivet Games benefits

- 26 days holiday + 8 days statutory holiday
- Pension scheme
- Eye-care vouchers
- Regular social and sporting activities

We are committed to promoting equal opportunities and diversity, and all applicants will be considered on their merit, qualifications, competence and talent regardless of any protected characteristics. However, we are currently unable to employ anyone who does not have the legal right to live and work in the UK.

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