



Tools Engineer

At ZeroLight we live by four key values – innovation, quality first, market focus and collaboration. As Tools Engineer your role will incorporate these values as you work at the forefront of 3D technology and partner with some of the biggest brands in the automotive and technology world including Audi, Pagani, Unity and NVIDIA.

This is an exciting opportunity to become an integral part of a team that have won 8 awards for innovation in technology. You will be looking to push tech boundaries and constantly seeking out new and innovative ways of working within our forward thinking technology team.

YOUR ROLE

- To develop new tools and enhance our cutting edge real-time Virtual Experience rendering engine
- Research methods to optimise and improve the art pipeline to improve productivity and quality
- Design and implement software that will improve the stability and quality of all ZeroLight products
- Develop tools that will be used on a range of hardware from mobile to state of the art high specification PC hardware

YOUR SKILLS

- Must have strong software engineering and debugging skills
- Tools development and maintenance experience
- Python, C++ and C# knowledge
- Ability to designing complex reusable systems
- Ability to debug both high and low level problems
- Ability to understand and optimise previously developed code
- Multiprocessor and/or multithreaded programming experience would be beneficial

USEFUL EXTRAS

- Bachelors Computer Science degree or equivalent
- 2-5 Years professional programming experience
- Knowledge of Unity3D, 3D Maths, OpenGL and DirectX
- Knowledge and experience using Unit testing tools and build management systems (eg. Jenkins)
- Experience using profiling tools for both CPU and GPU (PIX, GPA, VTune, Nsight etc.)
- Ability to research, implement and modify existing techniques

WHAT WE CAN OFFER YOU

- ZeroLight offers a unique and challenging environment that supports individuals to develop their career objectives. Our employees thrive on carving out their own career path through inspiring company and personal goals that encourage them to push themselves out of their comfort zone.
- A value-led culture that informs all of the work we do and promotes quality and excellence in every member of staff.
- Fantastic salary and benefits package including flexible working hours, 25 days holiday plus all bank holidays and additional days over the festive period and monthly Employee Value Award with prizes up to £200.
- Unique training opportunities including the chance to learn a relevant language and complete career progressing courses.

To apply for this position please send your CV to

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