

Job Title: Computer Vision Engineer

Company Profile: Reivr Fusion is an ambitious Irish sensor technology start-up company focused on solving location-based problems in the healthcare and transportation industries. A vibrant company that incorporates the latest sensor technologies (radio and vision) and then engineers for simplicity of use and easy adoption; we are looking for a key member that can help the company in the next phase of its journey.

Job Location: MaynoothWorks, Maynooth Co.Kildare (Open to Remote Working)

We will appoint a computer vision engineer to further develop and refine our computer vision-based *locating and occupancy* solutions to a level suitable for deployment in upcoming customer pilot sites. The engineer will take direction from the management and technical leads and will be responsible for the design, algorithm development, system implementation and deployment of the pilot solutions to be deployed. This person will have the opportunity to grow into a leadership role and make a significant impact on the company's future and benefit accordingly.

Ideal Candidate: We are looking for an ambitious engineer who has potential to become a key player in the leadership team making an impact on product development and innovation. Skills required include;

- BSc degree and 2+ years of work experience, or MSc degree and 1+ years of work experience, or PhD in any area with a focus on deep learning and computer vision
- Understanding of fundamental computer vision algorithms and approaches, with a focus on machine learning
- Experience in developing a computer vision solution to real-world problems
- Experience with modern deep learning frameworks e.g. TensorFlow, Pytorch, etc., including their use in model training and inference
- Strong software development skills
- Working knowledge of professional software development tools including version control systems, build systems, etc. (e.g. git, cmake, etc.)
- Demonstrated proficiency in Python and / or C++
- Excellent English language communication skills, both written and verbal

Desirable Experience include;

- Specialisation in Machine Learning preferred.
- Applied Deep Learning work experience preferred.
- Experience with edge-based Computer Vision and Deep Learning Platforms (e.g. Intel NCS) and Frameworks (e.g. OpenVino)
- Knowledge and appreciation of good software design, including the use of appropriate tools such as UML
- Experience developing software for embedded platforms.
- Experience developing algorithms for autonomous and/or real-time systems.
- Experience with imaging or optics systems.

Package: To be negotiated. An equity stake in the company will be available for the right person.

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