



UNRE AI Limited

UNRE AI Limited is an advanced technology company based in Hong Kong Science and Technology Park. We specialize in state-of-the-art 3D photography, Computer Vision, and application of artificial intelligence to 3D images. We have openings for passionate professionals interested in expanding the frontiers in our area of expertise.

Computer Vision Expert

Responsibilities:

- Lead the algorithm design in 3D computer vision including 3D reconstruction, stereo vision, SLAM, SFM, etc.
- Responsible for algorithm implementation and optimization
- Perform independent R&D works including literature study, open source code search and patent reading
- Develop and implement software/ SDKs based on algorithms

Requirements:

- PhD holder in Computer Science, Computer Engineering, Information Engineering or related disciplines
- 1+ years' experience in leading a group of engineers for projects
- 2+ years' experience in any one of these area: 3D computer graphics, computer vision, image processing, stereo vision, SLAM, SFM, 3D feature recognition and face recognition
- 1+ years' experience in CPU/GPU Programming , e.g. OpenCL, CUDA, METAL, ...
- 2+ years' experience in C++ programming
- Experience in 3D Reconstruction Library (PCL, OpenNI2, ...) is a plus
- Experience in C#/ Java/ iOS/ Android/ Python programming is a plus
- Excellent Mathematics background
- Good project management skill
- Candidate with less experience will be considered as Senior Engineer
- Fluent in English/ Mandarin/ Cantonese

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