

Computer Graphics/GPGPU Engineer for radar applications

Ref: MS-JDS-CGE-202009

Title: Computer Graphics/GPGPU Engineer for radar applications

Reports to: Technical project manager

Location: Via Rosellini, Milan, Italy

Job purpose: To design and develop computer graphics based simulators and parallel algorithms using general purpose GPU programming for RADAR applications

Job duties:

- To design and develop simulators based on computer graphics techniques
- To design and develop parallel algorithms using GPU
- To support the lifecycle of RADAR software applications

Required skills and qualifications:

- Master Degree in Computer Science / Computer Science and Engineering
- At least 3 years of active SW coding in C/C++
- Experience with production and testing of SW
- Knowledge of SW versioning tools and methods
- Experience with the usage of computer graphics APIs such as OpenGL, Vulkan or DirectX
- Experience in the management of 3D/CAD assets
- Knowledge of general purpose GPU programming architectures and frameworks such as CUDA or OpenCL
- Experience in the design of parallelized algorithms
- Good knowledge of the English language for the working environment
- Good communication and team-working skills
- Enthusiasm, dynamicity and self-motivation

Desired Skills/Qualifications

- Active experience in the field of RADAR is a plus



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- Experience with the usage of ray tracing techniques and dedicated libraries such as DXR or Vulkan Ray Tracing
- Experience with design and development of GUI

Candidate must be eligible to work in the EU.

Company description:

MetaSensing BV is an Italian/Dutch SME which provides radar solutions. MetaSensing designs, manufactures and operates complete radar sensors (airborne and ground-based) at different frequencies for a large variety of applications. Those sensors are equipped with proprietary control, configuration, processing and visualization software.

MetaSensing has offices in the Netherlands, Italy and Singapore.

Employment condition: Full-time, 40 hours per week.

For additional information or for the application, please send an email with your CV and cover letter to joinus@metasensing.com with a subject Ref: MS-JDS-CGE-202009.

Milan, September 22nd, 2020