



3D Chief Technologist

Would you like to be a part of our journey to create a world unique “Globe in 3D” based on satellite imagery? Would you like to work in a global organization with highly competent colleagues? Are you a curious, dedicated technologist who wants to work with cutting edge technology? This might be the position for you!

Maxar is currently seeking 3D Chief Technologist to join our R&D center in Linköping, Sweden.

Life with us

Maxar is a large corporation with the feel of a small company. We invest in creating an environment where all employees can grow, learn and have fun together. We believe in timely, transparent communication, and short decision paths. We know decisions are best made by the people closest to the tasks, and you will have a chance to influence and take on responsibility. To create our solutions, we have a close cooperation with our US based colleagues.

Our solutions

Our visualization platform offers unique 3D geodata with the world's highest quality based on commercial satellite images. Our 3D analyses and data models offer decision-makers all over the world a very accurate 3D basis for use in areas such as security, defense, and infrastructure.

What you'll do day-to-day (with your colleagues)

As a 3D Chief Technologist with us, you will follow the 3D mapping technology “market” and guide the technical direction of our development in close coordination with developers, product managers, and management. Your focus will be on technology trends in market, academic research, and your own innovative thinking to ensure we remain the market leader in 3D based technologies, software, data, and derivative products. You are intellectually curious and seek to apply 3D solutions to customer needs, as well as connecting broadly across the technical domains within Maxar to find ways to accelerate innovation both in our 3D R&D organization and in other organizations.

Closely partnered with the Managing Director of our operation in Linköping, you will ensure our technology roadmaps support both the realization of products that meet demanding customer requirements as well as maintain the technical integrity and advancement of our core architectures and algorithms. As you push to achieve every innovation possible, you are grounded in the reality of available resources and the demands of customer commitments.

We are world leading in 3D image processing, where we have full access to the best and largest satellite archive available. Examples of applications are: stereo algorithms, mesh and voxel processing, georegistration of images and georegistration of video sequences in real time. In short, we work with almost all image processing and computer vision challenges in 3D+time, to build a living Globe in 3D.

3D Chief Technologist

Who you are

You are collaborative and good at building relationships internally as well as externally. As a person you are naturally engaged and can engage others in their daily work. You have the capacity and courage to prioritize based on roadmaps, available resources and technology readiness.

Minimum requirements

- MSc degree in computer science, electrical engineering, signal processing or related area.
- Minimum of 10 years of relevant professional experience.
- Demonstrated experience in a majority of the following:
 - Image and signal processing
 - Functional design and development
 - ML/AI
 - 3D Visualization
 - Understanding of photogrammetry, sensor models, sensor calibration and geomatics
 - System design for software products
 - Participate in standardization
 - Developing 3D technical roadmaps
 - Communication skills, internally and externally and writing technical papers, e.g. white papers and articles.
- Demonstrate fluency in English, both oral and written.

Preferred qualifications

- System design for software products
- Space based Synthetic Aperture Radar (SAR)
- Working with customers within Defense sector
- Patents

The work involves work with classified information where you are required to complete and be approved in a security check by Swedish authorities.

If you have questions about the position or recruitment process, please contact us at sweden@maxar.com.

Apply now at sweden@maxar.com

Explore open positions at www.maxar.com/careers

The MAXAR logo is displayed in a bold, orange, sans-serif font. The letters are thick and blocky, with a slight shadow effect. The 'X' is formed by two intersecting diagonal lines.