



**Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.**

For the first time, our expertise in digitizing the real world has been applied to one of the most complex landscapes in nature, the human face.

Follow <https://aurareality.com/> for updates about how advanced reality technology is revolutionizing the aesthetics industry. Aura, part of Hexagon, is changing the face of aesthetics with AI-enabled, data-driven solutions. With a single-capture 3D digital twin, its technology will provide practitioners with visual insights and analysis to guide a patient's aesthetic journey.

As a **Senior AI Computer Vision Engineer**, you will support our new Aura 3D Imaging System for the aesthetic industry.

## Senior AI Computer Vision Engineer (f/m/d)

Zürich  50-100%

### This appeals to you

- Develop innovative algorithm for the Aura device for the 3D face reconstruction model
- Develop new skin analysis features
- Implement, analyze and improve end-to-end quality metrics for face analysis
- Be involved in all phases of model development including data collection, data preparation, data analysis, prototyping, testing, until production readiness
- Interact with our clients in the phase of feature definition and understanding, feedback during development and testing
- Collaborate of a team of expert engineers in 3D computer vision

### This is you

- At least 3 years of industry experience developing computer vision algorithms for a launched product.
- Master's or PhD degree in Computer Science, Computer Vision, or a related technical field.
- Knowledge of fundamental machine learning techniques, with a focus on image and video processing.
- Fluent in Python and another programming language (e.g., C, C++, JavaScript, Java, Go).
- Experience with relevant machine learning software packages (e.g., PyTorch, TensorFlow, scikit-learn, OpenCV).
- Proficiency in software development methodologies, version control systems (e.g., Git), and CI/CD pipelines is essential.
- Ideally, experience in developing systems for 3D

reconstruction applications, including meshing, texturing, Generative AI-based solutions, as well as 3D face and body reconstruction and animation.

- Able to work in an international team with interdisciplinary expertise.
- Fluent in written and spoken English.

### **We offer you**

- Flexible annual working hours based on a 40-hour week, with 100% employment
- Vacation entitlement: 25 days from the age of 20, 27 days from the age of 40 and 30 days from the age of 50
- Hybrid Working model
- Generous bonus system and extra-mandatory pension fund contributions
- Individual training opportunities (internal and external)
- Relocation service
- Various Discounts (Health, Car, Entertainment and much more)
- Employee Events
- Flat hierarchy structure
- Warm and international corporate culture based on respect and cooperation

### **About us:**

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts driving the future of Hexagon. You will use and develop your skills in our highly innovative and diverse environment. Flexible working models allow you to ideally combine work and private interests.

### **Contact**

If you have any questions, please do not hesitate to contact [Kinga Racibor](#), Talent Acquisition Specialist.

**APPLY NOW**

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**HEXAGON**