

R&D Engineer for inverse rendering and advanced image processing



Do you have a PhD in computer science with a background in image processing, 3D reconstruction, inverse rendering, neural rendering, or similar? Voxray is looking for a talented individual to join our team in developing new algorithms for industrial quality inspections.

Desired Qualifications

Languages	<ul style="list-style-type: none">• C++ / CUDA / Python
Machine Learning	<ul style="list-style-type: none">• Mathematical understanding of neural networks• Ability to design and optimize neural networks for specific tasks
3D Reconstruction	<ul style="list-style-type: none">• Mathematical understanding of 3D reconstruction and inverse rendering• Ability to implement a volumetric inverse rendering pipeline in CUDA
Education	<ul style="list-style-type: none">• PhD in Computer Science or a related field.
Mindset	<ul style="list-style-type: none">• Work independently• Fun at bringing current research to the market

What We Offer

- Competitive salary
- Optional home-office
- Challenging and diverse R&D task
- Publication opportunities with international conference trips

How to Apply

Please submit your resume and Github page / previous projects / publications to Darius R uckert at darius.rueckert@voxray.de

About Voxray

Voxray GmbH is a software startup for industrial computed tomography solutions located in N rnberg, Eberhardshof. The company was founded in 2023 as a spin-off at the chair of Visual Computing at the FAU. We develop innovative solutions for the reconstruction and visualization of industrial computed tomography data.