We are looking for the very best. AI in Radiology. Offering you a platform for science, and research. And results that help millions of patients!

Genera BV is a Dutch medical AI company. We have very ambitious plans. To create digital replacements for contrast injections. And we are well on our way to making this happen.

We are looking for the best MSc students in Mathematics or Computer Science to significantly contribute to our algorithms. To make our ambition a reality, with the purpose to serve millions of patients around the globe. To obtain the best diagnosis, yet without contrast injected in their veins. To unlock a better diagnosis for patients whom today should not receive any contrast at all.

JOB DESCRIPTION

- You investigate the current performance gap between cutting-edge generative frameworks and image-to-image translation techniques.
- You develop highly optimized image-to-image translation frameworks for improved tumor detection and treatment response prediction. Optimized convergence speed and output image quality are your goals.
- You work in an agile and highly dynamic research team.
- You take an active role in the development of novel medical solutions with reduced health impact on patients.

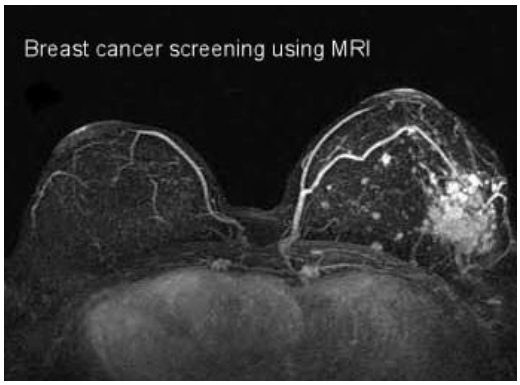

Figure 1: MRI image of woman's breasts showing contrast injection[1]

YOUR QUALIFICATIONS

- Master studies in the field of engineering, computer science, machine learning, or robots
- Excellent academic grades
- Dedication, hard-working, critically-thinking, and problem-solving skills
- Experience with deep learning fundamentals. Knowledge of adversarial framework is a plus
- Command of Python and deep learning APIs (TensorFlow or Pytorch)

OUR OFFER

- A challenging thesis/internship in a state-of-the-art field
- Working with a team of experts in deep learning and radiology
- A chance to contribute to the lives of millions of people
- A chance to publish your work in computer vision, medical journals, or patents
- Monthly allowance/stipend of €400
- Remote working environment

Interested? Call us for a 10 min online conversation! CEO Pieter van der Poel 0642 077 591 of via email pieter.vanderpoel@generativeradiology.com

Interested applicants should forwards their CV and transcript of records to:
Mohamed.abdelsamad@generativeradiology.com

or

c.vuik@tudelft.nl
(Professor Kees Vuik - Director of TU Delft Institute for Computational Science and Engineering)

[1] Source: https://www.disnola.com/why-is-a-breast-mri-needed/