

**PHILIPS**

Careers

Don't just make a living

**Make a difference**

Challenge yourself at Philips

Job Title: **Research Scientist (f/m/d) Machine Learning for Medical Systems Solutions**  
Location: **Hamburg**

Philips Research is a global organization that helps Philips introduce meaningful innovations that improve people's lives. We provide technology options for innovations in the area of health and well-being, targeted at both developed and emerging markets. Positioned at the front-end of the innovation process, we work on everything from spotting trends and ideation to proof of concept and – where needed – first-of-a-kind product development.

In Hamburg our most important research for healthcare focuses on diagnostic imaging systems, image-guided intervention and therapy, medical image processing, biological modeling, computer assisted detection, clinical decision support, hybrid imaging systems, and novel tomographic imaging systems.

For more information, please visit us at [www.research.philips.com](http://www.research.philips.com).

You will be part of a growing team of colleagues focusing on data analytics services within the Hamburg Research laboratory.

#### **Your Responsibilities**

- Design, implement and validate innovative medical image analysis technologies and algorithms utilizing modern approaches from the domains of machine learning and advanced data analytics
- Transfer research results into solutions of clinical practice
- Establish and expand academic and clinical research collaborations
- Balance clinical, technological and commercial challenges alike related to the advancement of complex technical medical systems
- Develop and drive of own ideas for technological advances in the above and adjacent domains

#### **Your Profile**

We are looking for a highly motivated, innovative person with excellent team-working skills delivering exceptional results.

- PhD in computer science, physics, mathematics, engineering sciences (PhD in machine/deep learning as a plus)
- In-depth proficiency in machine learning, in particular deep learning and neural networks with practical experience in deep learning frameworks (e.g. Theano, Caffe, TensorFlow, CNTK, or Torch)
- Excellent knowledge in the fields of numerical methods, optimization methods and data analytics.

- Proficiency in modern programming languages (C/C++, CUDA, Python etc.)
- Excellent communication skills
- Proficiency in the English language, German would be a plus

Philips encourages people with disability to apply.

As a company for health and wellbeing the compatibility of our employees' professional and private life is an important aspect for Philips. Therefore we offer numerous services to support you for example "Kids and more" as part of our family services, the "Philips in Balance - health program", as well as modern working time models.

**Please upload your CV, diplomas/PhD and a list of your publications when you apply via the following link:**  
<https://philips.to/2W5MJL2>

We are looking forward talking to you!

### **Why should you join Philips?**

Working at Philips is more than a job. It's a calling to create a healthier society through meaningful work, focused on improving 3 billion lives a year by delivering innovative solutions across the health continuum. Our people experience a variety of unexpected moments when their lives and careers come together in meaningful ways. Learn more by [watching this video](#).

To find out more about what it's like working for Philips at a personal level, visit the [Working at Philips page](#) on our career website, where you can read stories from our [employee blog](#). Once there, you can also learn about our [recruitment process](#), or find answers to some of the [frequently asked questions](#).