



Sr. Deep Learning Research Scientist - Neuro Imaging

<https://jobs.siemens-info.com/jobs/208753/Sr+Deep+Learning+Scientist+-+Neuro+Imaging?lang=en-US>

Position Overview

The Medical Imaging Technologies Team of Siemens Healthineers Technology Center has openings in Princeton, NJ for Senior Research Scientists with focus on Machine Learning / Artificial Intelligence methods in Neuro-imaging and Analysis.

Our Princeton facility is recognized for providing a stimulating environment for highly talented and self-motivated candidates. You will have the opportunity to test your knowledge in a challenging problem-solving environment.

Are you ready to think out-of-the-box, innovate and find solutions to real-life problems?

Responsibilities

- Research, design and implement disruptive algorithms for neuro-imaging and artificial intelligence
- Neuro-imaging (structural MRI, functional MRI, diffusion MRI image analytics)

- Advance the state-of-the-art in the field, including generating patents and publications in top journals and conferences
- Work on large-scale, real-world problems.
- Fast prototyping, feasibility studies, specification and implementation of medical imaging product components.
- Work with customers to understand algorithm and workflow requirements and deliver solutions

Required Knowledge/Skills, Education, and Experience

- Ph.D. in Computer Science, Electrical Engineering, or related discipline
- 5+ years of experience (including Ph.D. study) Expertise and Experience in Machine Learning, Applied Mathematics, Computer Vision fields
- Strong theoretical and practical background in Machine Learning, Deep Learning, Statistical Pattern Recognition, Applied Mathematics, Medical Imaging
- Strong publication record in Machine Learning, Computer Vision, Medical Imaging
- Strong coding skills and ability to quickly prototype in C++ with proven track record. Experience in GPU, scripting languages such as python, Deep learning libraries is a must
- Outstanding collaboration, interpersonal and communication (verbal & written) skills in English a must
- Drive and motivation for career development and open to taking on challenges
- Team player who can also be independent, prioritize work and thrives in a fast-paced dynamic environment

2017 Biomedical PhD Career Fair On-site Interview Application Instructions:

Interested applicants should email a resume for consideration to phd_recruit@jhmi.edu with the email subject line – "Siemens Job Application – Sr. Deep Learning Research Scientist - Neuro Imaging".

Questions about the position can be directed to:

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