



Senior Software Developer – Medical Imaging Technologies

The Medical Imaging Technologies team of Siemens Healthcare Technology Center has an immediate opening in Princeton, NJ for a senior software developer with a focus on image-guided therapy applications, including artificial intelligence (deep learning/deep reinforcement learning), image registration/fusion and real-time analytics and modeling. Our Princeton facility is recognized for providing a stimulating environment for highly talented and self-motivated researchers and software developers. You will have the opportunity to test your knowledge in a challenging problem-solving environment. You will be encouraged to think out-of-the-box, innovate and find solutions to real-life problems. Our team has a strong publication record in leading journals and conferences.

What are my responsibilities?

- Contribute to research projects by providing software architecture design and support.
- Convert scientific algorithms to pre-development prototypes with infrastructure/coding conventions complying with product standard
- Understand algorithms designed by scientists and support their productization.
- Fast prototyping, feasibility studies, specification and implementation of medical imaging product components.
- Work with customers to understand algorithm requirements and deliver solutions.
- Manage and maintain configurations of source code, software components and tools.
- Work on large-scale, real-world problems.

What do I need to qualify for this job?

- B.S. (with 5+ years relevant experience), M.S. in Computer Science, Engineering, Electric Engineering, Biomedical Engineering or related field.
- Proven, excellent programming ability is required. Proficiency in programming using C/C++ is required. Further experience in GPU, scripting languages such as Python and web development (javascript, HTML 5) is a plus.
- Strong DevOp experience (software integration, testing, code and configuration management).
- Development experience in medical image analysis, computer vision or deep learning is preferred.
- Entrepreneurial approach who is willing to accept challenges and responsibilities.
- Excellent interpersonal skills and a can-do attitude, with strong collaboration skills and ability to thrive in a fast-paced environment.
- Outstanding written and verbal communication skills in English is required.
- Ability to work independently and prioritize work.
- Flexibility and adaptability to work in a growing, dynamic team.

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 – Senior Software Developer – Medical Imaging Technologies"*.

Questions about the position can be directed to:

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<https://www.linkedin.com/in/eminsalehli/>