

Computer Vision Software Developer

X-Nav Technologies, LLC

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Join a fast-growing, agile and innovative company that is at the forefront of image-guided surgical navigation for dentistry and become a part of the core development team working on applications and novel algorithms for image processing, real-time image understanding and computational geometry. Your knowledge and expertise will have immediate impact in developing products that improve patient care. You will interface directly with the chief technology officer and be supported by an all-star team of subject matter experts and developers in a dynamic and challenging start-up environment.

We seek a candidate with the following skills and experience:

- MS in Computer Science, Electrical Engineering, equivalent
- Focused experience with computer vision algorithms
- Comfortable with linear algebra, image processing, projective geometry, computational geometry
- Clear understanding of OO programming concepts
- Comfortable with use of git or similar version control
- Openness to exploring and integrating third-party software development kits and libraries
- Team player with excellent communication skills
- Ability to manage uncertainty, push the limits, and think like an owner

Additional desirable skills and experience include:

- Ph.D. in Computer Science, Electrical Engineering, equivalent
- 5+ years C++ programming experience
- Experience with real-time computer vision algorithms, including stereo triangulation and rigid body transforms
- Experience with OpenCV, CUDA
- Experience Qt/QML, OpenGL and/or other UI/graphics libraries a plus
- Familiar with CT scan images and DICOM protocol standards
- Familiar with machine learning (deep learning/neural networks)
- Familiar with cloud infrastructure (AWS) provisioning and access
- Comfortable with Linux and scripting languages (Bash, Python)
- Experience with developing software for medical devices
- Start-up experience

Position open immediately. Please submit resume and qualifications to info@X-NavTech.com or call 1-855-475-9628 for more information.