

*Senior Scientific Programmer – Product Development – North Star Imaging, Inc. – Rogers, Minnesota - Plan, analyze, and develop software for state of the art industrial computed tomography and digital radiography systems. Define, develop and support machine automation software including machine vision (ADR, pattern matching) and robotic interfaces. Define, develop and support software interface to a variety of camera types and formats. (Gig-E, Camera Link, LVDS) Investigate new technologies and algorithms to improve software performance and to solve complex tasks. Develop software simulations/models to assist in defining software requirements and specifications. PhD in Mechanical Engineering required. PhD coursework in Geometric Foundations, Digital Image Processing I, Digital Signal Processing required. Education must have included graduate level research in image processing, signal processing, software development (C++, C#), computer graphics and visualization. Send resume to [swatters@4nsi.com](mailto:swatters@4nsi.com) Refer to SSP in cover letter.*