

Job Family	Information Technology	Job Summary	Involves the design and management of software, hardware and databases for a clinical imaging system(s), used in clinical practice and / or research. Supports a secured network for the transmission of patient information, workstations for interpreting and reviewing images, and archives for the storage and retrieval of images and reports. Provides technical training and assistance to users.		
Job Function	Clinical Imaging IT				
Category	Professional				

Job Level	Entry	Intermediate	Experienced	Advanced	Expert
Job Title	Clin Imaging IT Spec 1	Clin Imaging IT Spec 2	Clin Imaging IT Spec 3	Clin Imaging IT Spec 4	Clin Imaging IT Spec 5
Job Code	8799	8798	8797	6043	5555
Tracking Code	A1400	A1401	A1402	A1403	A2183
Per. Program	PSS	PSS	PSS	MSP	MSP
FLSA	Non-Exempt	Non-Exempt	Exempt	Exempt	Exempt
Generic Scope	Entry-level professional with limited prior experience; learns to use professional concepts to resolve problems of limited scope and complexity; works on assignments that are initially routine in nature, requiring limited judgment and decision making. Employees at this level are expected to acquire the skills and knowledge to perform more advanced work following an agreed upon time in position, through defined training and development planning.	Professional who applies acquired job skills, policies, and procedures to complete substantive assignments / projects / tasks of moderate scope and complexity; exercises judgment within defined guidelines and practices to determine appropriate action.	Experienced professional who knows how to apply theory and put it into practice with in-depth understanding of the professional field; independently performs the full range of responsibilities within the function; possesses broad job knowledge; analyzes problems / issues of diverse scope and determines solutions.	Technical leader with a high degree of knowledge in the overall field and recognized expertise in specific areas; problem-solving frequently requires analysis of unique issues / problems without precedent and / or structure. May manage programs that include formulating strategies and administering policies, processes, and resources; functions with a high degree of autonomy.	Recognized organization-wide expert. Has significant impact and influence on organizational policy and program development. Regularly leads projects of critical importance to the organization; these projects carry substantial consequences of success or failure. Directs programs with organization-wide impact (or may have impact beyond the University) that include formulating strategies and administering policies, processes, and resources. Significant barriers to entry exist at this level.
Custom Scope	Under direct supervision, acquires skills and knowledge of professional concepts in clinical image management to work on projects of small size and limited complexity.	Applies professional concepts and acquired skills with clinical image management systems to projects of small to medium size and scope. Operates independently within defined scope of responsibilities.	Uses experience as a seasoned clinical imaging systems professional with a broad understanding of clinical imaging systems. Applies skills to projects of medium size at all levels of complexity, or to portions of large projects.	As a technical leader in clinical image management systems, applies advanced professional concepts and extensive knowledge of clinical imaging systems to lead and / or collaborate on large projects of broad scope and complexity.	As a technical expert in clinical image management systems, applies advanced professional concepts and expert knowledge to develop operational strategies, system protocols and research applications. Leads and / or collaborates on large projects of broad scope and complexity.
Key Resp 01	Acquires skills and knowledge to perform and / or participate in the maintenance, improvement, and user support for basic aspects of clinical imaging systems, including retrieval, storage, and transferring of clinical image files.	Designs, implements, debugs and evaluates moderately complex software, hardware and / or databases. Performs file management, data integrity, workflow and data integration activities.	Designs and maintains software, hardware and / or databases at all levels of complexity. Performs workflow enhancement, file management, data integrity and data integration activities.	Leads and / or conducts the planning and implementation of clinical imaging software, hardware, and / or databases. Manages improvements in data integrity and utilization, file management, data integration and system workflows.	Collaborates with managers and key technical, research and clinical staff to plan and implement complex clinical imaging software, hardware, and databases. Leads improvements in data integrity and utilization, file management, data integration and workflows.
Key Resp 02	Under direct supervision, acquires skills to troubleshoot and resolve simple	Works with end users to troubleshoot moderately complex problems and	Troubleshoots escalated issues of moderate complexity. Conducts	Troubleshoots escalated issues of high complexity and broad scope. Develops	Troubleshoots systems issues of greatest complexity and scope.

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	problems with image management systems. Learns to identify and escalate more complex problems. Learns protocols for documenting support issues.	apply effective solutions. Identifies and escalates support issues as appropriate. Follows protocol to accurately document problem support.	research as needed to address challenging problems. Accurately documents systems issues.	new system functionality and contingency plans. Performs calibrations, configurations, and component replacement.	Performs highest level calibrations, configurations, and component replacement. Develops technical requirements. Evaluates performance of all imaging systems.
Key Resp 03	Acquires and applies skills to assist in the evaluation, testing and enhancement of clinical imaging systems.	Provides support to project teams. Documents work and prepares small to medium scope reports as assigned.	Participates on project teams to enhance, upgrade, integrate and implement systems.	Applies advanced experience to lead interdisciplinary projects teams to enhance, upgrade, integrate and implement systems.	Applies wide-ranging experience and expertise to lead interdisciplinary teams on highly complex projects. Directs upgrade and implementation activities.
Key Resp 04	Acquires instructional skills to perform basic end user training on workflows, processes, hardware, and operating systems.	Participates in end-user training on systems issues of limited complexity. Contributes to the development of customized training tools, system documentation and project / policy communication.	Conducts comprehensive training including workflows, processes, hardware, and operating systems. Develops customized training tools, system documentation and project / policy communication.	Assesses end user needs, develops training curriculum, customized training tools and conducts comprehensive system training.	Serves as an expert resource on best practices and conducts highest level staff and end-user training.
Key Resp 05	Develops working knowledge of clinical image management, including regulations and current technology.	Stays up-to-date on regulations and technological advancements in clinical imaging.	Serves as a technical resource on issues of functionality, efficiency, policy, performance, regulations, and industry trends.	Serves as advanced technical resource on issues of functionality, efficiency, policy, performance, regulations, and industry trends.	Serves as an expert on regulations, technological advancements and trends in clinical image management. Provides recommendations on improvements in quality, efficiency, and functionality. Provides medical image quality validation.
Key Resp 06	May make recommendations for improvements and tools.	Makes recommendations for improvements and tools to optimize the use and storage of clinical images.	Proposes automated tools and solutions to optimize use and storage of clinical images. Makes recommendations to improve operational efficiency.	Develops advanced data analyses to support new data acquisition methods and vendor data formats.	Develops advanced metrics and data analysis to facilitate operational decision making.
Key Resp 07					
Key Resp 08					
Key Resp 09					
Key Resp 10					
Key Resp 11					
Key Resp 12					
Key Resp 13					
Key Resp 14					
Key Resp 15					

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Education 1	Bachelor's degree in related area and / or equivalent experience / training.	Bachelor's degree in related area and / or equivalent experience / training.	Bachelor's degree in related area and / or equivalent experience / training.	Bachelor's degree in related area and / or equivalent experience / training.	Bachelor's degree in related area and / or equivalent experience / training.
Education 2					
Education 3					
Education 4					
License 1					
License 2					
License 3					
License 4					
Cert 1					Imaging Informatics Professional certification.
Cert 2					
Cert 3					
Cert 4					
Spec Cond 1	Must pass a background check.	Must pass a background check.	Must pass a background check.	Must pass a background check.	Must pass a background check.
Spec Cond 2					
Spec Cond 3					
Spec Cond 4					
KSA 01	Basic knowledge of clinical imaging systems and related processes and practices involved with managing, storing, and transferring medical images.	Working knowledge of clinical image operations, clinical imaging systems and processes and practices involved with managing, storing, and transferring medical images.	Thorough knowledge of clinical image operations, clinical imaging systems and complex concepts, principles, methodologies, and best practices involved with managing, storing, and transferring medical images.	In-depth knowledge of clinical image operations, clinical image management software and systems, regulations, processes, and best practices for storing, retrieving, and transferring medical images in clinical care.	Expert knowledge of clinical image operations, clinical image management software and systems, regulations, processes, and best practices for storing, retrieving, and transferring medical images in clinical care.
KSA 02	Basic knowledge of relevant hardware, software and / or database administration, including development, implementation, maintenance, user support, and system testing and evaluation.	Working knowledge and skills in relevant hardware, software and / or database administration, including development, implementation, maintenance, user support, and system testing and evaluation.	Proven fluency and skills in relevant hardware, software and / or database administration, including development, implementation, maintenance, user support, and system testing and evaluation.	Advanced technical skills in relevant hardware, software and / or database administration. Advanced knowledge of systems operations and functions including development, implementation, maintenance, user support, system testing and evaluation.	Demonstrated expertise in relevant hardware, software and database administration. Expert knowledge of systems operations and functions including development, implementation, maintenance, user support, system testing and evaluation.
KSA 03	Detail oriented, with basic organizational skills and the ability to manage time efficiently, prioritize tasks,	Detail oriented, with demonstrated ability to manage time, prioritize and complete tasks, and consistently meet	Detail oriented, with proven ability to manage time, tasks and competing priorities. Ability to effectively address	Advanced project management skills with ability to successfully lead interdisciplinary teams on complex	Highly-developed project management skills with demonstrated ability to successfully lead advanced

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	complete assignments, and consistently meet deadlines.	deadlines.	complex, urgent issues as they arise. Ability to manage mid-size projects.	projects.	interdisciplinary teams on complex projects.
KSA 04	Ability to communicate effectively with cross-functional staff in clinical and non-clinical functions.	Demonstrated communications skills to effectively train and support end users.	Strong communications skills, with the ability to convey complex information to end users at all professional and technical levels.	Advanced communications skills to convey highly complex information and instructions to end-users, at all professional and technical levels	Highly advanced communications skills to convey complex technical information and instructions to end-users at all professional and technical levels.
KSA 05	Basic problem-solving and troubleshooting skills, with the ability to work both independently and collaboratively as needed.	Demonstrated problem-solving skills, with the ability to diagnose problems and identify effective resolutions.	Strong problem-resolution skills, with the ability to work collaboratively to quickly identify complex problems, and develop, test, and implement effective solutions.	Advanced problem-solving skills to identify complex technical problems, and develop, test, and implement effective solutions.	Exceptional ability to assimilate knowledge from multiple sources / perspectives on highly complex technical issues and develop effective solutions.
KSA 06	Basic knowledge of imaging systems and documentation procedures. Ability to conduct basic performance and quality assurance testing.	Working knowledge of documentation protocols, with demonstrated analytical skills to test and evaluate system performance.	Skilled in documentation, reporting and applying metrics to measure, evaluate and test performance. Ability to implement new releases, and upgrades.	Advanced skill in documentation, reporting and applying metrics to measure, evaluate and test performance.	Expertise in documentation, reporting and applying metrics to measure, evaluate and test performance.
KSA 07			Ability to work with senior staff and managers in across departments,		Expert ability to identify and develop maintenance methods and safety policies and procedures.
KSA 08					
KSA 09					
KSA 10					
KSA 11					
KSA 12					
KSA 13					
KSA 14					
KSA 15					
Environment	Health care (hospital, clinical, classroom setting or similar environment as the role requires.).	Health care (hospital, clinical, classroom setting or similar environment as the role requires.).	Health care (hospital, clinical, classroom setting or similar environment as the role requires.).	Health care (hospital, clinical, classroom setting or similar environment as the role requires.).	Health care (hospital, clinical, classroom setting or similar environment as the role requires.).
Career Path 1	Clin Imaging IT Spec 2	Clin Imaging IT Spec 3	Clin Imaging IT Spec 4	Clin Imaging IT Spec 5 Clin Imaging IT Supv 2	Clin Imaging IT Mgr 1
Career Path 2				Clin Imaging IT Mgr 1	Clin Imaging IT Mgr 2
Career Path 3					
Career Path 4					

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Career Path 5					
Career Path 6					