

Job Title:	<b>Senior Software Engineer</b>	Reports To:	Director of Informatics
Location:	Chicago	Travel Required:	
Level/Salary Range:	DOE	Position Type:	Exempt
HR Contact:	Claudria Hurt	Date Posted:	11/27/2018
External Posting URL:			
<b>Applications Accepted By:</b> Email: <a href="mailto:careers@alliancechicago.org">careers@alliancechicago.org</a> or Fax: 312.274.0069 Subject Line: Senior Software Engineer			

<b>Job Description:</b>
<p><b>Position Summary:</b> The Senior Software Engineer executes software development and engineering tasks for Informatics project deliverables. These projects serve a network of Safety Net Community Health Centers committed to the thoughtful use of leading-edge health information technology (HIT).</p> <p><b>Essential Duties:</b> The Senior Software Engineer will be responsible for leading the development application features and/or globally navigating solutions for use in a commercially available Electronic Health Record (EHR). The Senior Software Engineer will also contribute to HIT integration projects involving technical expertise to integrate the EHR with third-party applications and/or clinical decision support engines. S/He will both work independently as well as with multiple stakeholders and team members to achieve the end goals of producing thoughtful, high-functioning, scalable, cost-effective, and efficient healthcare software solutions.</p> <p><b>Responsibilities include:</b></p> <ul style="list-style-type: none"> <li>• Work with cross-functional teams and internal/external stakeholders to establish positive, productive working relationships and understand product requirements and goals.</li> <li>• Provide technical expertise and recommendations in the development and optimization of software solutions, in an Agile/scrum working environment.</li> <li>• Use critical thinking and problem-solving skills and technical knowledge to strategize and decide on technologies used for software solutions.</li> <li>• Advise on best-practices in technical architecture, algorithmic design and methodology, programming, quality assurance/testing, data infrastructure, and software performance for informatics projects.</li> <li>• Design, implement, and test projects based on functional and business requirements and specifications.</li> <li>• Serve as an Informatics technical representative and liaison in communication with colleagues, leadership, health centers, researchers, and partners.</li> <li>• Research and develop new technologies based on the Informatics project roadmap and internal improvement initiatives.</li> <li>• Provide leadership and mentorship to a technical team in an interdisciplinary work environment.</li> <li>• Perform communication to internal/external stakeholders, not limited to but including the following: formal project documentation, software-specific documentation, status updates, escalation of project issues/blockers, estimates, and/or virtual and in-person meeting presentations and facilitation related to project deliverables.</li> <li>• Perform administration tasks in relationship to Informatics software development, not limited to but including the following: maintenance of Informatics internal documentation for software development and/or Agile/scrum documentation.</li> </ul> <p><b>Education:</b></p> <ul style="list-style-type: none"> <li>• Bachelor's Degree in a STEM (Science, Technology, Engineering, and Mathematics) focus required.</li> <li>• Master's Degree in a STEM focus required.</li> </ul>

**Training/Experience:**

- Technical expertise in the following:
  - Cloud infrastructure and architecture (Amazon Web Services, Microsoft Azure);
  - Programming languages (Python, Scala, Ruby, C/C++)
  - Web application platform (Angular)
  - C# Web APIs
  - Service layer programming (Java, spring)
  - Web design technologies (HTML, CSS, JavaScript)
  - Database queries (SQL Server, HBase)
  - Rule-based / Rules engine application development
- 5 years of experience in a healthcare environment, with a healthcare IT vendor, or working on healthcare research required, with specific focus on EHR / HIT software development required.
- Agile/Scrum experience preferred.
- Work experience in community health, with Community Health Centers, and/or in public health preferred.
- Work experience using Visual Form Editor / MEL programming for the GE Centricity Practice Solution EHR preferred.

**Knowledge, Skills, & Abilities:**

- Demonstrate and regard the AC Core Values: Learning & Innovation, Collaboration & Teamwork, Quality & Value, Communication & Transparency, Dependability & Integrity, Joy & Purpose.
- Transparent and professional communication and customer service skills.
- Ability to multi-task, manage, and work on simultaneous projects.
- Meticulous attention to detail.

**Working Conditions:**

- General office setting, extensive telephone and desk work at computer terminal
- May be required to lift, carry, bend, reach and stand with parcels up to 25 lbs.
- Will work in a close multidisciplinary team environment
- May interface with clients in various settings and may be working during on-site visits in clinical environments where medical equipment, chemicals and where communicable diseases and certain pathogens are present.

**ORGANIZATIONAL OVERVIEW:**

Founded by four partner Community Health Centers in 1997, AllianceChicago's three core areas of focus are Health Care Collaboration, Health Information Technology, and Health Research & Education. AllianceChicago supports the use of HIT to improve quality, efficiency, and access to services in a national network of community Safety Net health care organizations. The mission of AllianceChicago is to improve personal, community, and public health through innovative collaboration.

**ADA Statement:** The Americans with Disabilities Act prohibits discrimination and ensures equal opportunity for persons with disabilities in employment, state and local government services, public accommodations, commercial facilities, and transportation. It also mandates the establishment of TDD/telephone relay services.

**EEO Statement:** AllianceChicago believes that all applicants and employees are entitled to equal employment opportunities and maintains a policy of non-discrimination with respect to religion, color, sex, sexual orientation, national origin, age, veteran status, marital status, physical or mental disability, or any other legally protected class in accordance with applicable law, except where a bona fide occupational qualification exists. AllianceChicago will comply with all phases of employment including, but not limited to, hiring practices, transfers, promotions, benefits, discipline, and discharge.

**Disclaimer:** The above statements are intended to describe the general nature and level of work being performed by employees assigned to this position. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel as qualified.