

Job Title:	Integration Engineer	Job Title:	Director of Informatics
Location:	Chicago	Travel Required:	
Level/Salary Range:	DOE	Level/Salary Range:	Exempt
HR Contact:	Claudria Hurt	Posting Date:	06/06/2022
External Posting URL:			

**Applications Accepted By:**

Email: [careers@alliancechicago.org](mailto:careers@alliancechicago.org) or Fax: 312.274.0069

Subject Line: Data Engineer

**Job Description:**

**Position Overview:**

The Integration Engineer assists in the day-to-day activities and executes integration-related tasks for 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). The Integration Engineer will engage with a diverse audience of cross-functional roles internal and external to the organization, as well as represent AllianceChicago (AC) in partnerships, meetings, and events.

The Integration Engineer will serve as an interoperability resource for multiple applications in the health IT ecosystem, not limited to but including:

- Electronic Health Record (EHR) applications of multiple brands (athenaPractice, athenaOne, Epic, etc.), representing clinical workflows for Medical, Dental, Behavioral Health, Care Coordination, Social Determinants of Health, and integrated care settings
- Clinical Decision Support applications native to the EHR vendor and EHR-agnostic
- Digital Health applications
- Patient Engagement applications
- Population Health applications

**Essential Duties:**

*Discovery*

- Learn necessary application components for integration, either through direct training, exposure, and/or usage of the application.
- Understand fundamental business rationale for applications undergoing integration.
- Analyze opportunities for improvement against the integration jobs-to-be-done.
- Obtain workflow, technical, data, and operations information to determine the prioritized needs and requirements for integration initiatives.

*Design*

- Determine and scope integration requirements, including data requirements, HIT standards (HL7/FHIR), business rules, user requirements, connectivity specifications, and integration solution architecture for read/write-back capabilities.
- Provide recommendations for configurations and development based on integration jobs-to-be-done and incorporating best practices of healthcare human-centered design and project management.
- Incorporate standards and specifications of third-party applications and integration stakeholders to inform design.

#### *Development*

- Perform integration work as indicated, not limited to but including: connectivity establishment, security and authentication verification, data integrity and mapping tasks, HL7/FHIR/API technical tasks, and application development to support the integration.
- Support optimizations and upgrades of the integration.

#### *Testing*

- Execute testing for technical, workflow, security, data integrity, quality assurance, connectivity, and human-centered design processes.
- Learn, perform, develop, and support quality assurance processes, tools, and scripts for testing purposes, engaging cross-functional roles of the organization, vendors, and stakeholders.

#### *Deployment*

- Provide wraparound support for integration deployment, not limited to but including: training document creation, specification documentation, webinar facilitation, tip sheets, processes for deployment, translation of information for cross-functional roles, etc.
- Execute deployment of integration and application software as indicated per change control and implementation processes.
- Monitor, troubleshoot, and provide ongoing support for integrations using monitoring application tools and responding to Support Services tickets and feedback from the network.

#### **Education:**

- Bachelor's Degree in a computer/technology, behavioral, and/or health science required.

#### **Experience/Years:**

- 2 years of work experience with an EHR and/or HIT software application required, with responsibilities supporting implementation, maintenance, and optimization of Production environments. Preferred work experience: athenaOne, athenaPractice, Netsmart, Wellsheet, Health Catalyst.
- 1 year of integration work experience with healthcare applications required, with high consideration for experience in integrating an EHR with third-party applications using HL7/FHIR/APIs and work with Qvera Interface Engine.
- SQL experience against complex relational databases preferred.
- Work experience in community health, with Community Health Centers, and/or in public health preferred.
- Agile/Scrum experience preferred.
- Application experience preferred with the following: Jira, Salesforce, Microsoft Office Professional, prototyping software, virtual communication and meeting software, and virtual content collaboration software.

#### **Knowledge, Skills, & Abilities:**

- Demonstrate and regard the AC Core Values: Learning & Innovation, Collaboration & Teamwork, Quality & Value, Communication & Transparency, Dependability & Integrity, Joy & Purpose.
- Because this job requires application deployment in patient care environments, where software changes must be performed during non-clinic hours, non-business-hours and weekend work is expected.
- Ability to work with hybrid remote/in-person teams.
- Strong problem-solving, investigation, troubleshooting, and decision-making process skills.
- 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.