Part of the MiHIN Family of Organizations

100%

Non-profit 501c#

60%

Public Benefit Corporation

Non-profit LLC

velatura
Interoperability Institute, LLC

Mission
The Interoperability Institute develops solutions and the next generation workforce required to enable organizations and communities to harness the benefits of interoperability at scale.

Vision
To serve as a focal point for creating communities and environments that accelerate the adoption of interoperability in ways that result in greater health and more impactful delivery of human services.
Interoperability Institute provides a neutral space where:

• Organizations can collectively demonstrate the interoperability of software as a service (SaaS) solutions

• People can learn modern technologies or standards like FHIR

• Novel innovations can safely encounter complex synthetic real-world scenarios before being deployed or adopted in production
Interoperability Institute Pillars

Interoperability Land®

Interoperability Hackathons & Training

Interoperability Workforce Program
Introducing Interoperability Land™

A collaboration platform designed to power the future of multi-organization development, integration, acceptance, and testing of innovative technologies and open standards.

**Interoperability Land**

- Build and test multi-organizational interoperable systems
- Create highly realistic test scenarios with synthetic healthcare data
- Exercise full control over intellectual property and data
- Create and share meaningful visualizations and models
- Reduce the cost of creating and managing a developer API sandbox
- Showcase applications, services and community contributions
- Create and host events to focus on a problem, service, API or topic
- Harness the power of the community to solve interoperability problems
- Gain insights into how standards are being implemented in the real world

**Shared Legal and Governance Framework**

- Patient Gen
- PIT
- Ring of PITs
- Personas
- Open API’s

**Network of Trusted “Sandboxes”**
Interoperability Hackathon Events

Event Prep & Materials
Develop event scope, prepare necessary materials for event, and support technical planning. Select and/or create Personas and supporting activities.

Event Promotion
Identify target audience, define participant roles, and design activities for successful outcomes.

Test Environment
Provide Turnkey event environment with Test Data and Sample Code for interoperability testing and development of apps.

Event Facilitation
Support training and demonstrations for event participants. Provide skilled resources for facilitation of technical and business activities.

Follow-Up
Post-event review and feedback, collect marketing and media material, and consolidation of materials.
Interoperability Hackathon Themes

- Open APIs
- eConsent
- NPRM's
- Value Based Care
- Care Planning & Coordination
- 3rd Party App Development
- Social Determinants
- Patient Centered Care
- Public Health

Logos and branding: The Office of the National Coordinator for Health Information Technology, CMS, Carin, Blue Button 2.0, Da Vinci HL7 FHIR, SMART, MiHIN, Interoperability Institute.
Addressing the Talent Gap in Information Technology and Healthcare

• Over the next 5 years, Michigan employer demand for IT and healthcare professionals with college degrees is expected to increase by as much as 35%.
  SOURCE: MI DTMB Bureau of Labor Market Information and Strategic Initiatives, 2019

• Only 28% of Michigan residents ages 25 to 64 have obtained a bachelor’s degree.

• Approximately 60% of Michigan’s college graduates move to other states. Losses are greatest among graduates in technical fields.
  SOURCE: U.S. Department of Education
Annually MiHIN Trains 80+ Interns with Diverse Backgrounds
Interoperability Workforce Program

Leverage the existing success of the MiHIN internship program to launch a broader internship training and part time employment service to meet growing future talent demands (informatics, information technology, data science, cyber security, artificial intelligence, advanced cloud services, etc.)
Thank you!

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