



Empowering Lifelong Learning: Digital Wallets

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Open Skills Are Powerful

They help us describe work in granular, modular, and flexible ways. We use them to connect job descriptions, resumes and educational credentials in a more transparent way. This allows us to define, redefine, and adapt education and career pathways. How? We use RSDs.

The Rich Skill Descriptor (RSD)

An RSD is machine-readable, searchable data. It provides context with things like workforce data, thus giving users a common understanding. It facilitates skills interoperability in credentials, education and training, job profiles, and learner records.

How? We use OSMT.

The Open Skills Management Tool (OSMT)

OSMT is free, open-source code to facilitate the production of RSD-based open skills libraries. OSMT allows for understanding skills in a portable, machine-actionable way. Explore the open skills ecosystem.

Our Purpose

Much of the data needed to support skills-based education and hiring already exists; however, this skills data is siloed, not easily accessible nor machine-actionable, making the switch to skills-based practices for most employers and education institutions a manual and expensive endeavor.

A national open skills infrastructure is critical to support the future of work and the development of agile and robust talent pipelines where all individuals can achieve their career goals. The scale and urgency needed for this transformation necessitates a significant commitment to the democratization of skills as a sharable, interoperable currency through the creation of a national network of open, accessible, machine-actionable skills.

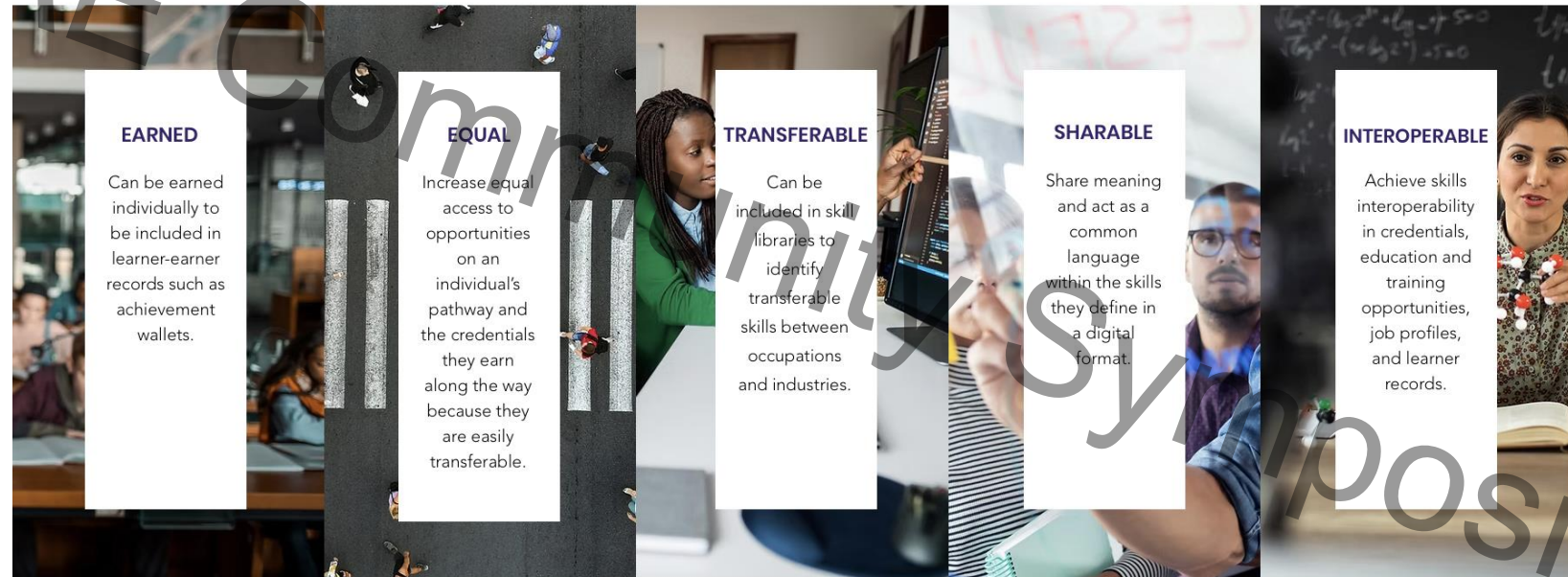
Goals for the Collaboratives





Rich Skill Descriptors (RSDs) are machine-readable, searchable data that include the context behind a skill, giving users a common definition for a particular skill and help to make it understandable and transferable across the learning-earning landscape.

GOALS OF RSDs



KEY FEATURES

NAME

A short skill name that is clear, concise, and succinctly describes the nature of the RSD.

CONTEXT

A contextualized skill statement that is in alignment with Lightcast labor market skills.

CATEGORY

A statement that represents the foundational applied capability or behavior for a given task, occupation, or need.

METADATA

Can include information connecting the skill to specific collections, keywords, employers, alignment to the Standard Occupational Classification system, professional standards and certifications, alignment to Lightcast Open Skills Taxonomy

RICH SKILL DESCRIPTOR

Data Manipulation

Author: Western Governors University

Published

SKILL STATEMENT

Manipulate data with structured query language (SQL) statements.

CATEGORY

SQL (Programming Language)

KEYWORDS

SAP; SQL (Programming Language); NoSQL; Teradata Database; Microsoft Visual Basic; C++; Python; WGUSID: 7748

OCCUPATIONS

DETAILED OCCUPATIONS

13-1111 Management Analysts
13-1161 Market Research Analysts and Marketing Specialists
13-1198 Project Management Specialists and Business Operations Specialists, All Other

RSDS + EDUCATION

RSDs provide education and training providers with clear guidance that ensure they design curricula that meets the needs of employers. They help increase the value of credentials or programs designed around specific skills opportunities easier forge the link between skills and achievements, credentials, courses and academic programs to streamline processes such as enrollment, articulation, and credit transfer. They also communicate skills taught within curricula to employers as well as learners

NEW Collections in the WGU Skills Library!

The WGU Skills Library is an open resource of structured skills data leveraged to promote a more equitable skills-driven hiring and education ecosystem that enables all learners, workers, and employers to have the skills and talent necessary to thrive in a fast-moving and ever-evolving workforce. We use our skills library as a foundation for designing competencies and credentials at WGU to ensure that our programs, courses, and assessments are aligned with current and projected labor market demand. Current collections focus on occupations and specialty skill areas. As the additional collections become available regularly, be sure to bookmark this page and check them out! To view all current and upcoming skills library collections, or to provide feedback on the skills library collections, please navigate through the collections below.

TAKE ACTION



ACCESS 175+ COLLECTIONS

Our 175+ collections are easy to access and navigate. Locate a collection by the Topic/Category of your interest.



REVIEW 15,500+ RSDs

Select a collection and review its RSDs. Each collection is made up of Rich Skills Descriptors (RSDs) that address the top high-demand workforce skills.



SAVE & PERSONALIZE

Each collection can be downloaded in JSON or CSV. JSON files are often used in data integration, while CSVs can be easily downloaded for further review. This downloadable file makes it easy to filter, search, and organize to meet your needs.



IMPLEMENT

Collections can be integrated into curriculum competencies or outcomes, digital credentials, job postings, and more. Check out WGU's participation in various pilots and projects as an [Open Skills Network \(OSN\) member](#).

Achievement Wallets



ACHIEVEMENT WALLET

The WGU Achievement Wallet helps students understand, translate, and communicate their skills and experiences to potential employers and education providers.



WGU
**Achievement
Wallet**
Achievement Wallet
Website

Wallet FAQs

Resources



Making Skills Transparent

Credential Engine is a non-profit on a mission to map the credentials, qualifications, and skills landscape with clear information, fueling the creation of resources that empower people to discover and pursue the learning and career pathways that are best for them.



Watch the Explainer

**1.076
MILLION**

Credentials in the U.S.



**\$2.13
TRILLION**

Spent in education and training



**59.69
THOUSAND**

Credential providers across the U.S.

[Credentialengine.org](https://credentialengine.org)



Learners

can have equitable access to navigate the full range of learning and career opportunities.



Employers

can discover and confidently hire people with the necessary skills for the job.



Credential Providers

can clearly describe the credentials, their value, and how they meet the needs of learners and employers.



Policymakers

can better understand credentials and support their communities to meet economic needs.

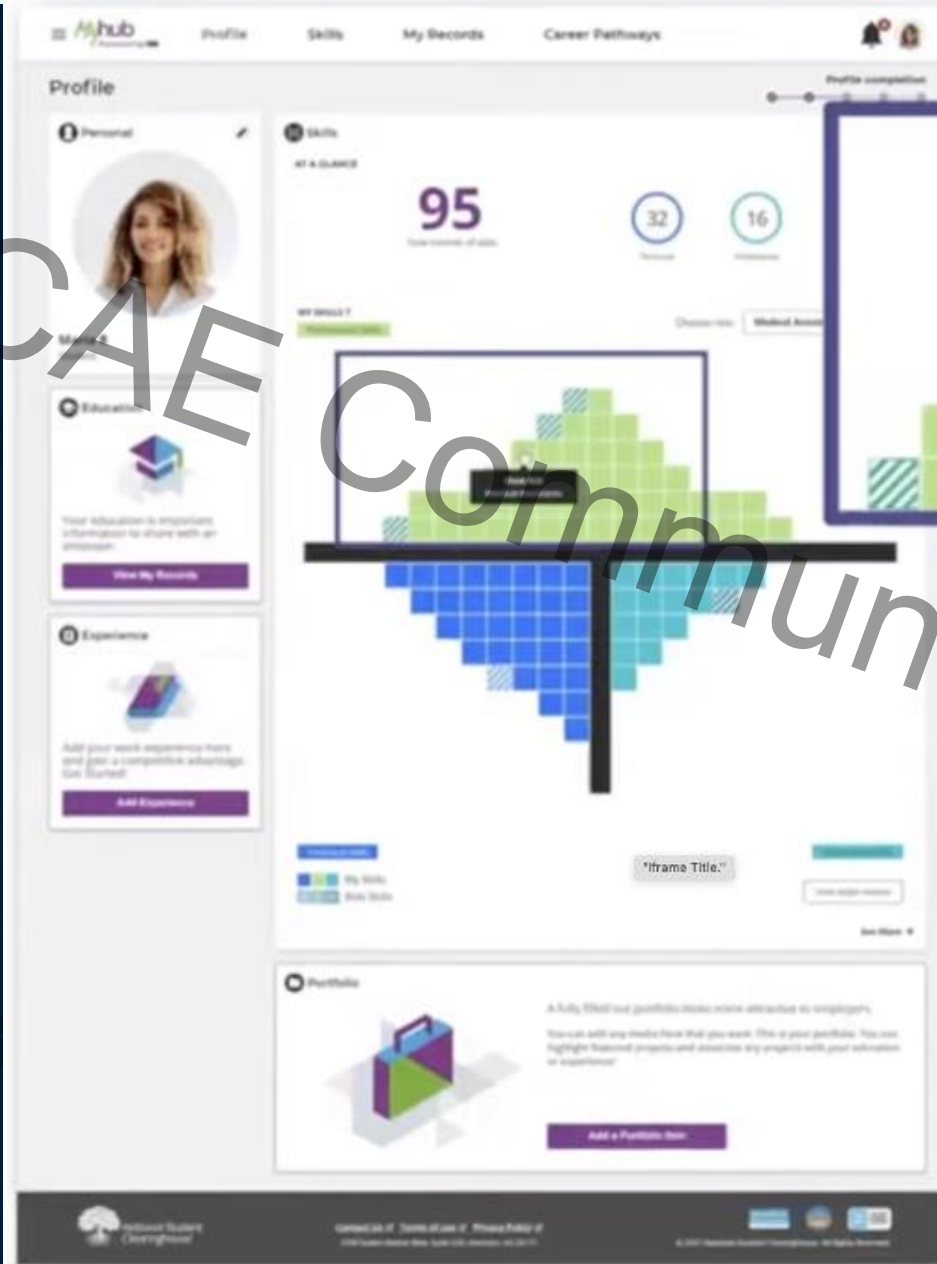
Credential Transparency Description Language (CTDL) is the family of de facto standards for making descriptions of credentials and other resources available as data for search and discovery and cross-system interoperability



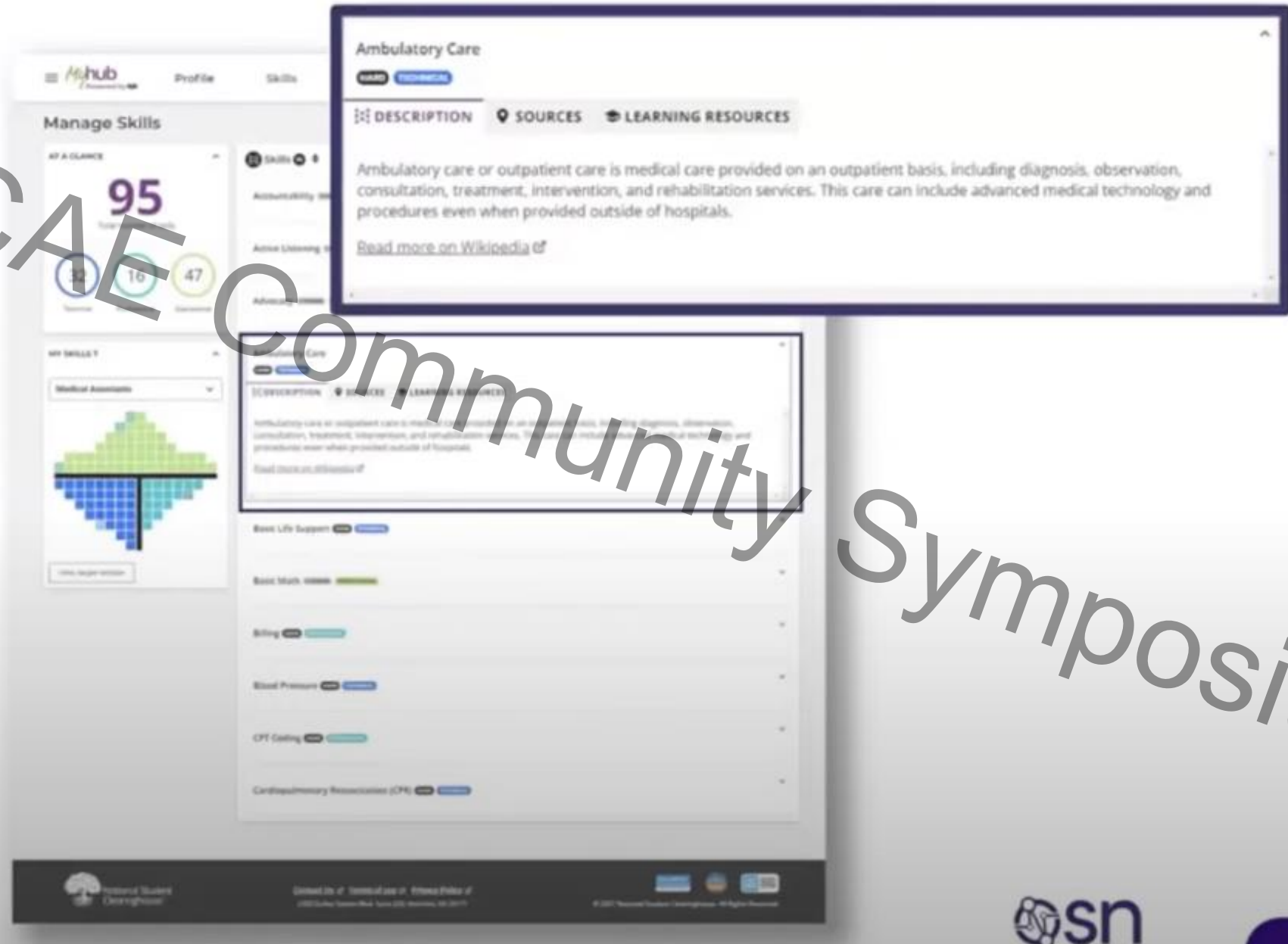
There's Three CTDL Schemas Available For Anyone To Use:

CTDL, CTDL Achievement Standards Network (ASN) and Quantitative Data (QData)

[Credentialengine.org](https://credentialengine.org)



The screenshot shows the 'myhub' main dashboard. The top navigation bar includes 'Profile', 'Skills', 'My Records', and 'Career Pathways'. The 'Profile' section is active, displaying a user's profile with a photo and a '95' score. Below this, there are sections for 'Education', 'Experience', and 'Portfolio'. A large green pyramid chart is highlighted with a callout box that reads 'First Aid Medical Assistants'. The chart is composed of green blocks, with some blocks having a blue and white striped pattern. The chart is divided into two main sections by a horizontal line, with the top section being green and the bottom section being blue and white striped. The chart is titled 'First Aid Medical Assistants'.



The screenshot displays the 'MyHub' Skills Management interface. On the left, a 'Manage Skills' sidebar shows a '95' score and a diamond-shaped skill matrix. The main area lists various skills with progress bars, including 'Ambulatory Care', 'Basic Life Support', 'Basic Math', 'Billing', 'Blood Pressure', 'CPT Coding', and 'Cardiopulmonary Resuscitation (CPR)'. A detailed pop-up window for 'Ambulatory Care' is open, showing its description and learning resources.

Ambulatory Care

DESCRIPTION **SOURCES** **LEARNING RESOURCES**

Ambulatory care or outpatient care is medical care provided on an outpatient basis, including diagnosis, observation, consultation, treatment, intervention, and rehabilitation services. This care can include advanced medical technology and procedures even when provided outside of hospitals.

[Read more on Wikipedia](#)

Basic Life Support

Basic Math

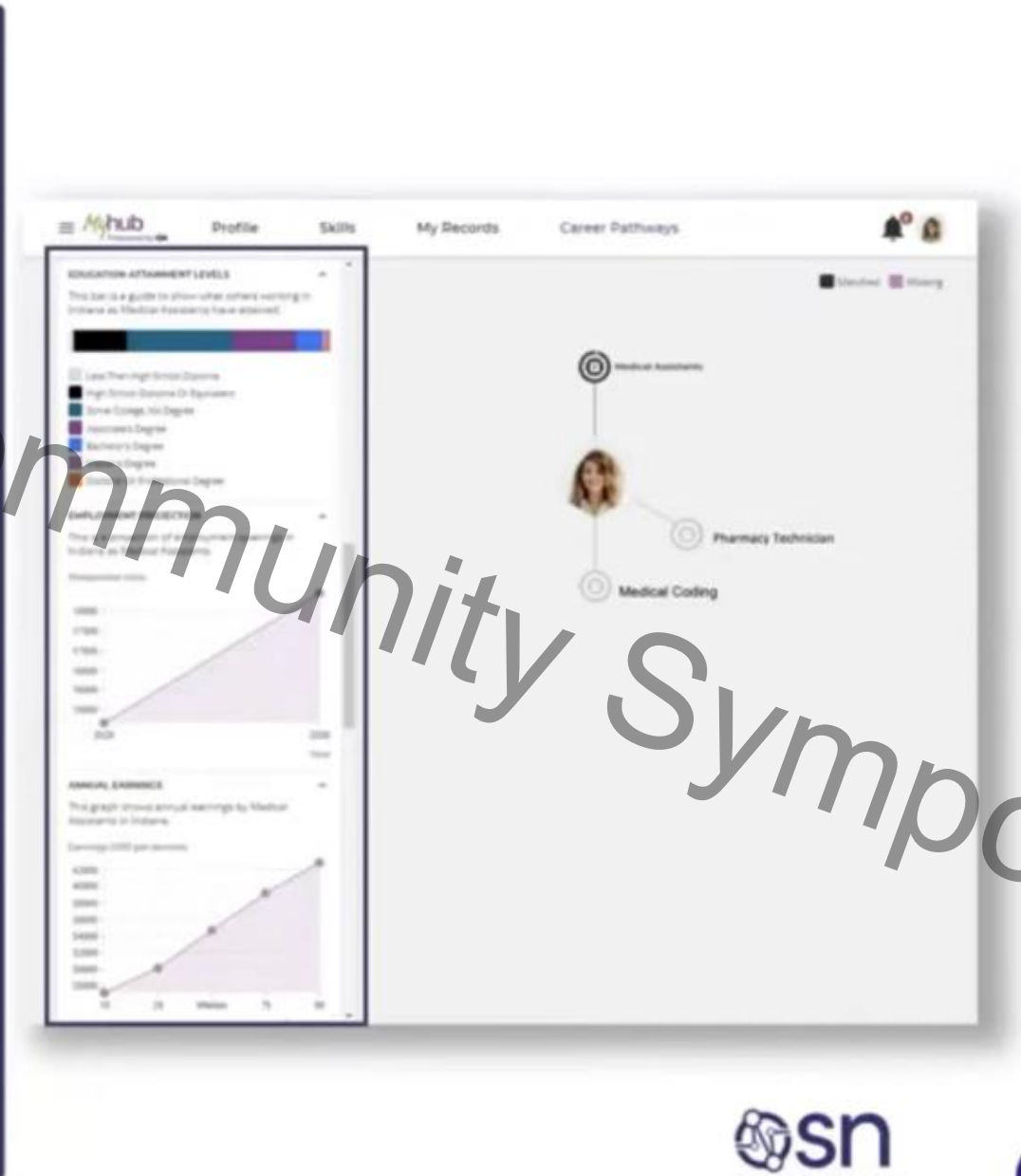
Billing

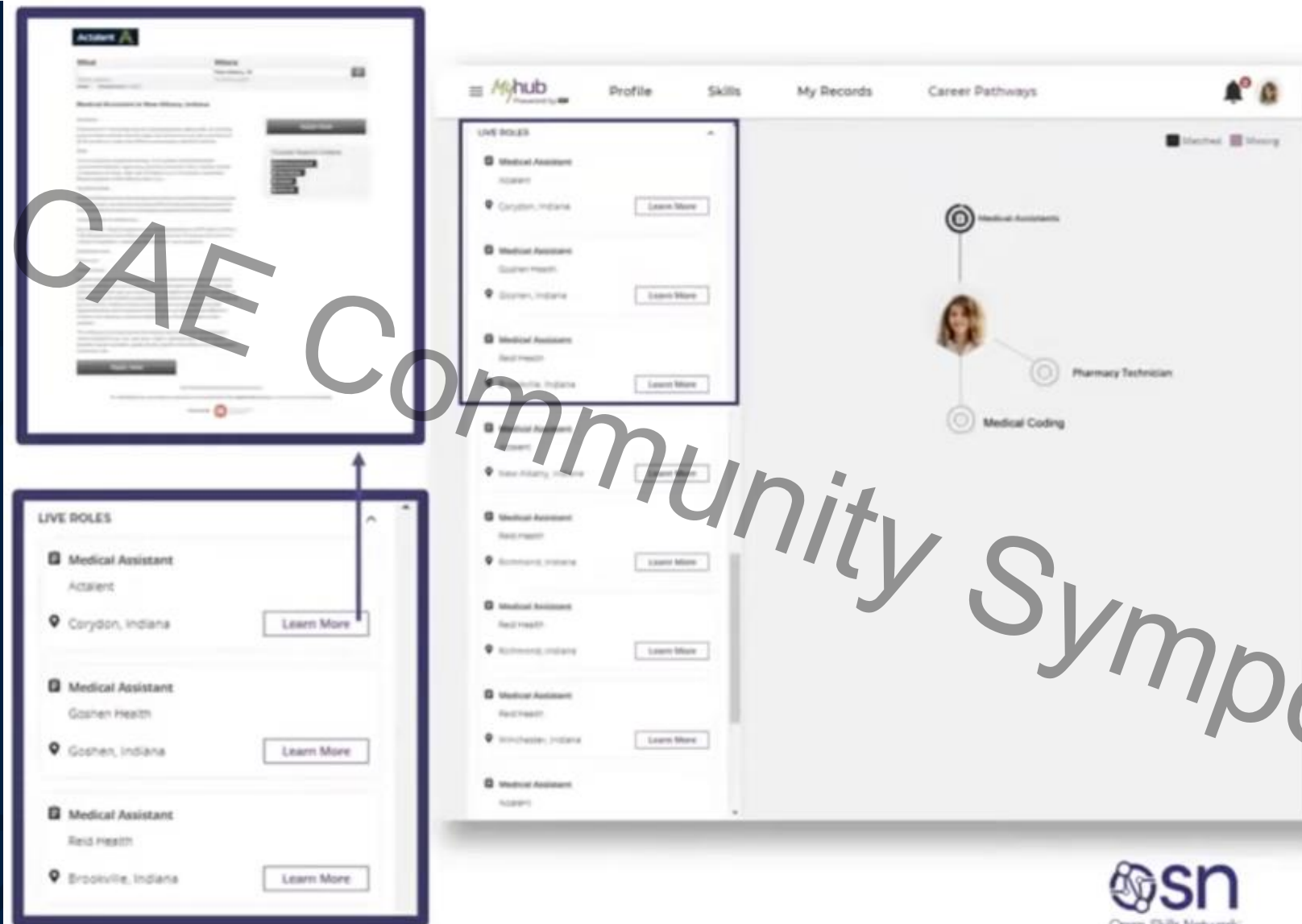
Blood Pressure

CPT Coding

Cardiopulmonary Resuscitation (CPR)

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The image displays a screenshot of a career development platform interface. On the left, there are two panels showing 'LIVE ROLES' for 'Medical Assistant' positions. The top panel shows a detailed view of a job listing for 'Medical Assistant' at 'Actalent' in 'Corydon, Indiana'. The bottom panel shows a list of similar roles at 'Goshen Health' and 'Red Health' in 'Goshen, Indiana' and 'Brookville, Indiana'. On the right, a larger panel shows a 'Career Pathways' map with a central profile picture and connections to 'Medical Assistant', 'Pharmacy Technician', and 'Medical Coding'. The bottom right corner features the 'sn Open Skills Network' logo.

Dear WGU Student,

We're excited to announce a partnership between WGU, the Indiana Commission on Higher Education, and iQ4, a technology company. This collaboration offers a mentor-based virtual internship in cybersecurity, with subject matter experts from the [Cybersecurity Workforce Alliance](#) starting June 4, 2024.

Here is what is in store as you blow open the door to your cybersecurity career with this exclusive internship opportunity designed just for you.

What's Available:

Cybersecurity Digital Credential: Earn credential that verifies your cybersecurity skills. The Digital Credential you receive contains a description of the project you worked on, your job role details, the skills and proficiencies you acquired, and the work products you produced. All automatically applied, as a digital credential, in your personal Indiana Achievement Wallet.

Indiana Achievement Wallet: A digital wallet co-developed by WGU and iQ4 to manage your credentials and provide insight into your skills alignment with potential job roles.

Who Should Consider This:

Indiana-based transitioning military, veterans, and their families enrolled in or graduated from IT programs.

Transitioning military, veterans, and their families with a cybersecurity degree, not currently employed in that field.

Internship Details:

Duration: 12 weeks of immersive learning.

Schedule: Mandatory online sessions every Tuesday, from 6:00 PM to 9:00 PM EDT, starting June 4, 2024.

Workload: Approx. 4.5 hours per week inclusive of the online sessions. Leading to a credential that is recognized as being equivalent to 350 hours worked in an employment setting.

Framework: Choose a job role within the NIST Cybersecurity Workforce Framework and collaborate on projects with expert mentors. [Learn more about the Cyber Workforce Alliance credential here.](#)

Had a total of 7 Indiana Veterans participate. They gained experience and were able to demonstrate skills learned utilizing the skills wallet.

Currently WGU has approximately 10,000 students/alumni utilizing the Achievement Wallet. Each Month approximately 1400 new Cyber students are enrolled in the wallet as an ongoing pilot.

Next stage will be opening the wallet to all WGU students and then all 415,000 alumni.

CAE Community Symposium

Darin Hobbs – Senior Director, Digital Records & Credential Ecosystems, Academic Initiatives dhobbs1@wgu.edu – Is the Super Brain behind the Achievement Wallet

Kacey Thorn – Senior Director, Academic Strategic Initiatives
Kacey.thorne@wgu.edu is the brain behind all skills work at WGU.

CAE Community Symposium

2025

CAE

Community

Symposium

Questions / Comments

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