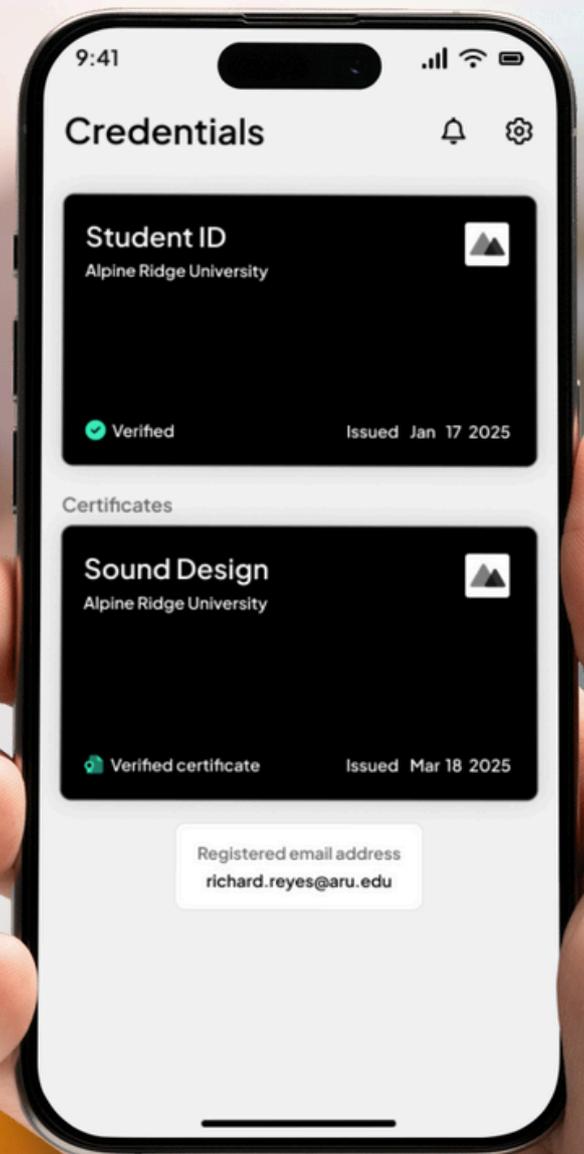


ANONYOME LABS

From Enrollment to Employment

How Verifiable
Credentials and Digital
Wallets are Reshaping
Trust in Education



Introduction:

Transforming Education with Verifiable Credentials



The global education landscape is evolving rapidly, driven by technological advancements, shifting workforce demands, and the rise of lifelong learning. Digital wallets and verifiable credentials are emerging as essential infrastructure, offering trusted records that empower learners, institutions, and employers alike.

These digital credentials seamlessly integrate human-readable and machine-readable data, allowing instantly verifiable and globally portable achievements, skills, and qualifications. Whether pursuing further study, applying for jobs, or reskilling mid-career, learners can confidently showcase their accomplishments—without the friction of traditional paperwork.

Verifiable credentials seamlessly integrate human-readable and machine-readable data, ensuring that achievements, skills, and competencies are easily accessible, trusted, and actionable. This creates an open and trusted credential ecosystem that not only accelerates hiring processes for employers and candidates but also opens doors for learners at every stage of their education and career journeys.

In today's job market, verified diplomas and skills have become the new currency, enabling individuals to navigate and thrive in an ever-changing landscape. Trends like micro-credentialing and study abroad are further reshaping the global education framework, providing learners with flexible pathways to build and showcase their expertise.

By adopting verifiable credentials and digital wallets, institutions can improve efficiency, reduce fraud, future-proof their systems, and enhance the value of their student's credentials. Verifiable credentials ensure that learners can showcase their achievements confidently and securely, whether pursuing higher education, seeking employment, or engaging in continuous learning opportunities.



What are Verifiable Credentials - and Why Do They Matter?

Verifiable credentials are secure, tamper-proof digital records that prove a person's achievements, qualifications, or academic history. Unlike PDFs or platform-bound certificates, they can be instantly verified - with no need to contact the issuing institution. This makes them a trustworthy, portable alternative to traditional credentials, solving challenges like fraud and limited interoperability.

Issued by trusted institutions like universities or certification bodies, verifiable credentials use cryptographic technology to prove authenticity and prevent tampering. Verifiable credentials can be instantly and independently verified, eliminating the need for intermediaries and reducing admin overhead. They are built on the W3C open standards and serve as a foundation for decentralized identity systems. Open Badges 3.0 follows the same standards, enabling trusted and interoperable recognition of learning and skills.

What About Open Badges 3.0?

Open Badge 3.0 is the latest version of the popular digital badge format - and for the first time, it aligns fully with the W3C verifiable credentials standard. That means credentials issued as Open Badges 3.0 can now finally be portable, interoperable, and wallet-ready.

A learner might receive a credential with their degree, program, and grades - securely stored in a digital wallet, and easily shared with employers or academic institutions. Instant verification enhances trust across the education ecosystem and simplifies processes for everyone involved.

By streamlining credential management and ensuring the integrity of academic records, verifiable credentials are transforming how education and skills are recognized and valued in a digital world.

The Value Proposition: A Trusted, Connected Ecosystem

Verifiable credentials help create a system where students own their records, employers can quickly check qualifications, and schools save time and build trust. By meeting the needs of everyone involved, they lay the foundation for a faster, fairer, and more reliable path from education to employment.

Why Institutions Are Embracing Verifiable Credentials



Skills-Based Hiring in the Age of AI: Transforming Education for the Future Workforce

As AI accelerates automation and reshapes job roles, traditional education systems are under pressure to adapt. The shift toward skills-based hiring demands new ways to prove what learners can do - not just what they studied. Verifiable credentials provide a way to validate real-world skills and achievements, bridging the gap between academic qualifications and workplace expectations. By aligning programs with evolving industry needs, education providers can equip students with evidence of their skills, enhance employability, and foster global trust in a rapidly changing talent economy.

Global Mobility and Internationalization

According to sector research specialists HolonIQ, up to 8 million students will study abroad by 2030. Verifiable credentials provide a standardized, portable way to prove qualifications globally.

Credential Fraud: A Growing Threat

Credential fraud, from forged diplomas to fake certifications, is a rising concern in education. A survey by Intelligent.com found that 23% of employers never verify candidates' credentials, yet 9 in 10 managers have encountered falsified educational backgrounds. High-profile cases of fake degrees used to land roles in teaching or medicine underscore the risks of today's credentialing systems. These incidents erode trust and highlight the urgent need for secure, verifiable alternatives that protect institutions and the workforce alike.

Global Momentum Behind Mobile Driver Licenses and Digital Identity Regulation

Mobile driver licenses (mDLs) and digital identity frameworks transform how individuals manage and verify credentials. In the US, the American Association of Motor Vehicle Administrators (AAMVA) drives mDL adoption by setting national standards and integrating them into everyday systems, with almost 20 States in some form of roll-out. In Europe, the European Digital Identity Regulation (EUDI) is accelerating this shift by introducing digital identity wallets, enabling citizens to access services securely across borders. As governments and industries embrace digital IDs, students and lifelong learners increasingly gain strong, portable digital identities. Digital wallets, now widely used for storing IDs, payment methods, and travel documents, are becoming central to how students manage their academic and professional records.

How Verifiable Credentials Deliver Value

For Students

Credential Global Portability

Carry and share academic records across borders in a secure digital wallet.

Instant Recognition

Credentials can be verified in real-time - no delays, no paperwork.

Lifelong Learning and Micro-Credentials

Easily collect and showcase verified skills, micro-credentials, and certifications to employers.

Data Privacy and Compliance

Students control who sees their data, aligning with global privacy regulations.

For Institutions

Operational Efficiency

Streamline current processes by automating credential issuing, verification, and record keeping.

Institutional Trust:

Signal innovation and integrity with tamper-proof, standards-based credentials.

New Revenue Opportunities

Offer alumni upskilling and employer-backed programs that align learning with workforce needs.

Scalable, Secure Credentialing

Issue digital credentials - degrees, diplomas, and micro-credentials while streamlining administration, reducing paperwork, and ensuring long-term record integrity.



A Shared Vision for the Future of Education

Verifiable credentials aren't just a tool for students or institutions - they're part of a broader transformation toward a more connected, inclusive, and sustainable education ecosystem. By supporting secure, portable, and standards-based recognition of learning, they enable lifelong learning, reduce environmental impact, and help build a foundation of trust across borders and sectors.



Lifelong Learning Support:

Credentials evolve with the learner - from enrollment to employment and beyond.

Fraud Prevention:

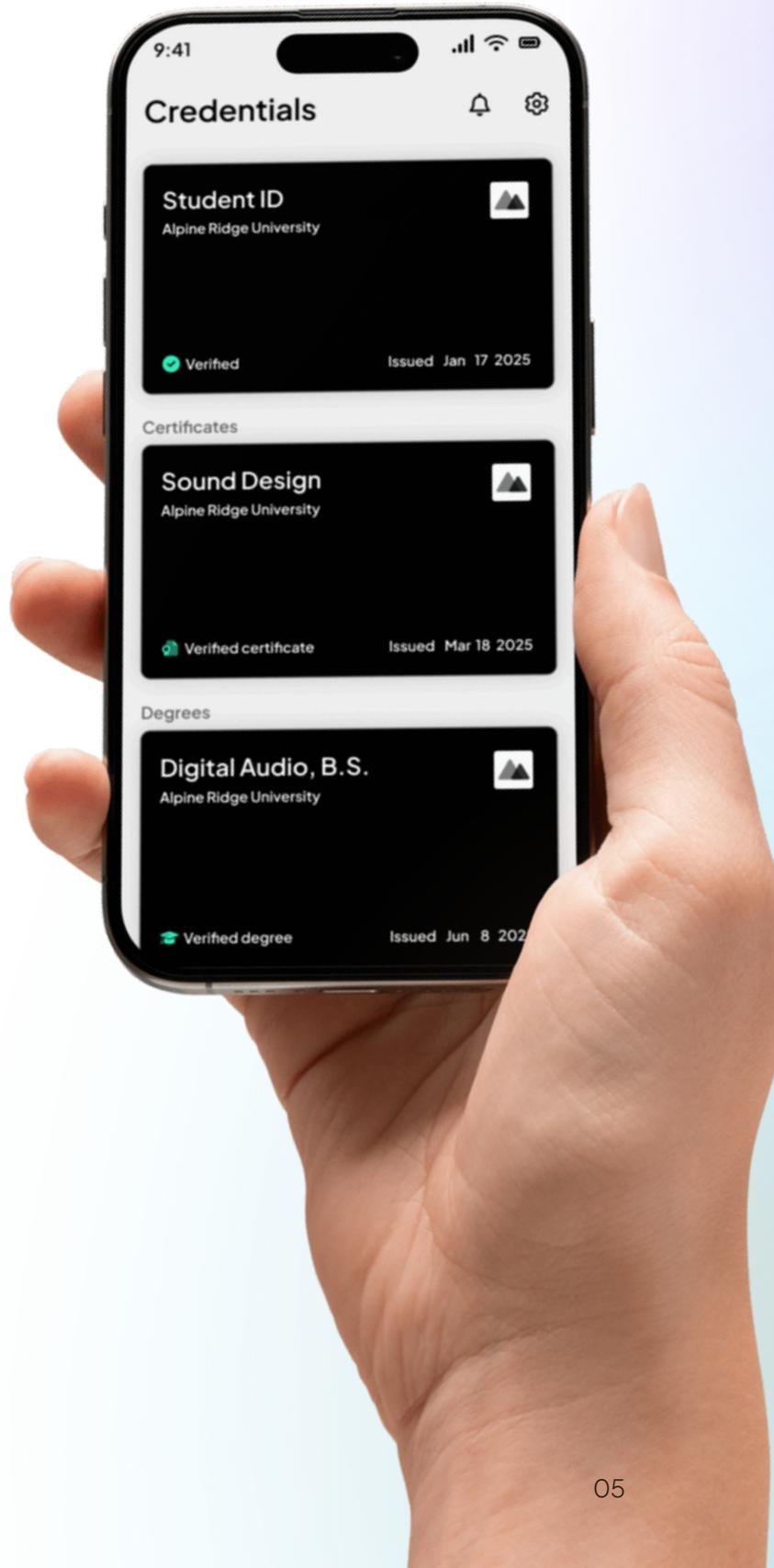
Cryptographic protection reduces the risk of forgery and fraud, as well as making verification simpler and cheaper.

Environmental Impact:

Replace paper-based systems with sustainable digital alternatives.

Smart Student, Faculty, and Alumni ID:

Use credentials as secure IDs for communication and access to libraries, labs, events, and online systems.





Putting Students First: Real Benefits That Matter

Verifiable credentials do more than streamline records – they empower students with ownership, mobility and digital freedom.



Convenience:

“It’s way easier to share my credentials now – I don’t have to keep emailing admin offices or waiting days for transcripts.”

Security:

“I like knowing my records are protected and can’t be faked. It just feels more trustworthy.”

Verifiability:

“When I apply for jobs or new programs, people can instantly check my qualifications. That definitely speeds things up.”

Portability:

“Having all my qualifications and certifications in one digital format makes it easy to present my complete academic history wherever I go, and I can’t lose them anymore.”

Cost – effectiveness:

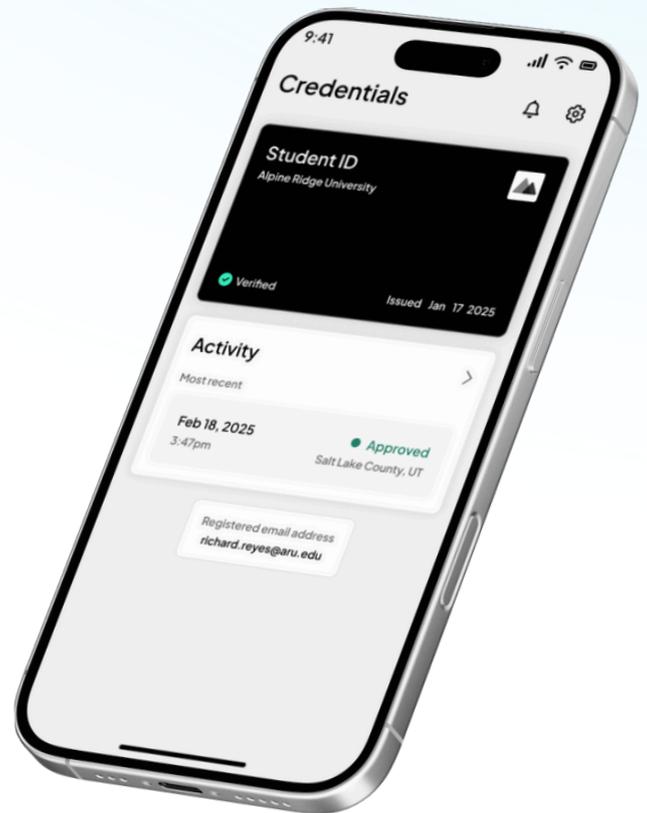
“I’ve saved a bunch on transcript fees. No more paying for copies every time I apply somewhere.”

Global Mobility:

“These credentials work across countries, which really helps since I’m looking at options to study and work abroad!”

Skills-Based Hiring Needs Trusted Credentials

As technology and automation reshape the world of work, employers are evolving their focus from degree to verified skills and competencies. Skills-based hiring is emerging as critical model – expanding access to talent, supporting diversity, and preparing organizations for the future. To succeed at scale, it requires credentials that can be trusted.



Bridging the Gap Between Learning and Work

For education providers, this shift presents a powerful opportunity to align academic outcomes with workforce expectations. By issuing verifiable credentials that capture real, validated skills, not just course completions, institutions can help learners stand out in a competitive market while at the same time, better meet employers' needs.

The New Language of Recruitment

Skills-based hiring is already changing how talent is sourced. AI-driven platforms are matching candidates to roles based on granular, machine-readable skills – not just degrees or job titles. Verifiable credentials ensure these platforms have accurate, trusted inputs, enabling candidates to compete fairly.

The Value of Verifiable Credentials

Self-reported skills leave room for doubt. Verifiable credentials solve this by:

- Embedding detailed metadata about learning outcomes and competencies.
- Ensuring global portability through digital wallets and open standards.
- Delivering trust at scale via cryptographic integrity and independent verification.

By embracing this shift, institutions can play a pivotal role in preparing learners for the real demands of the workforce.

The Anonymome Labs Advantage

As the education sector embraces digital trust and portable credentials, Anonymome Labs offers the experience, technology, and vision to help institutions lead with confidence.



Built on Open Standards

Our platform supports Open Badge 3.0 and W3C Verifiable Credentials, ensuring rich metadata, global interoperability, and future-proofing relevance.

Privacy and Security by Design

Privacy isn't an afterthought - it's in our DNA. Anonymome Labs was founded on principles of privacy engineering, which is represented in our platform by strong encryption, user control, and a commitment to protecting sensitive data.

Proven Consumer-Scale Expertise

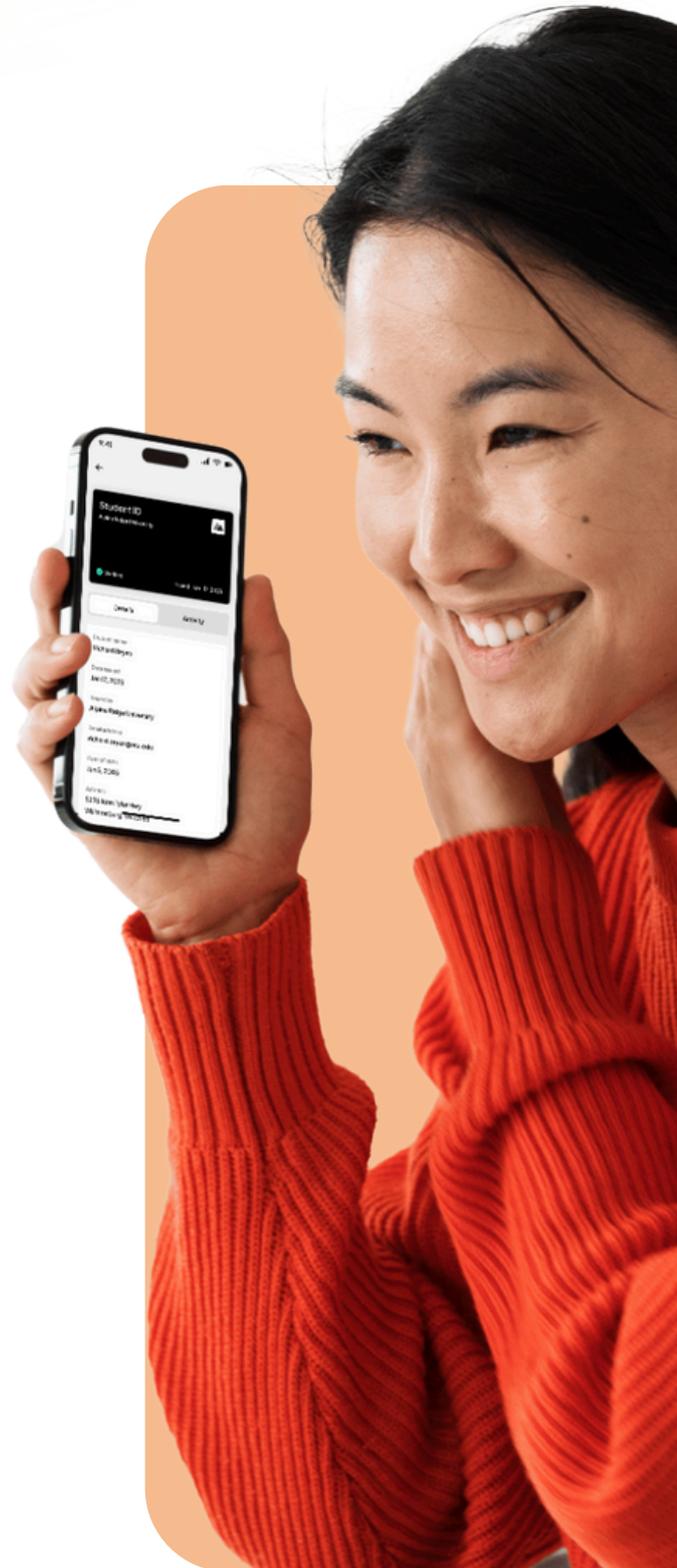
We bring real-world experience from our work on MySudo, a privacy-first app used by hundreds of thousands of people to manage identity, communication, and data protection.

Seamless Developer-Friendly Integration

Our API-first developer platform simplifies integration, customization, and deployment. Comprehensive APIs, SDKs, documentation, and brandable apps ensure seamless compatibility with existing SIS, LMS and credentialing systems - no rip-and-replace required.

Complete Ecosystem

Our modular platform grows with you, from digital wallets to credential issuance, verification, secure messaging and more.



About Anyome Labs

Founded in 2014, Anyome Labs was created to give people control over their personal and private information. Data breaches and privacy abuse are on the rise, resulting in significant impacts on consumers' financial and social wellbeing. Anyome Labs believes privacy is a human right and puts control over personal data back into users' hands through web, mobile and desktop applications. Anyome Labs has decades of combined experience in identity management, cybersecurity, cryptography, decentralization, enterprise software and consumer applications.



Setting The Standard:

For the last half decade Anyome Labs has been contributing to industry bodies, chairing standards groups, operating network validator nodes, contributing to open source, and presenting at international conferences to support the DI ecosystem.





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Ready to Lead with Trust?

The future of education is digital, secure, and verifiable. Digital credentials are reshaping how skills are recognized, verified, and shared.

Contact Anonymome Labs today to learn how your institution can adopt secure, interoperable credentialing systems that support learners from enrollment to employment.

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