



TRUSTED DIPLOMA

VERIFICATION SYSTEM FOR DIPLOMAS AND EDUCATIONAL CERTIFICATES

POWERED BY  EMERCOIN





The problem of fake diplomas

«Higher education institutions, governments, employers and societies generally, in both developed and developing countries, are far too complacent about the growth of corrupt practices, either assuming that these vices occur somewhere else or turning a deaf ear to rumors of malpractice in their own organizations. The needs of societies cannot be met if graduates do not have the competencies that higher education institutions purport to have given them.»

John Daniel | in a report to UNESCO and the Council for Higher Education Accreditation



According to Employers Choice Screening, every year people buy roughly 200,000 degrees around the world



Companies selling fake diplomas earn \$51m a year



Trusted Diploma is built on blockchain technology that is:

- decentralized;
- authenticated;
- resistant to tampering.

All of the above makes it perfect for storing academic certificates.

[Watch video](#)

[Read more on the site](#)





Why is Trusted Diploma built on blockchain?

Centralized solution	Decentralized solution (Trusted Diploma)
<ul style="list-style-type: none">● Any added information can be backdated● Can be hacked● Data leakage and data breaches are possible● Added records about diplomas can be changed or deleted● Certificates remain verifiable as long as the server is working● The data can be easily lost because of server overload or outage	<ul style="list-style-type: none">● All data is timestamped and can't be changed on an ex post facto basis● Impossible to hack● Data is protected from theft● Only the owner of a private key can make changes to records● Every distributed certificate can always be verified● The data is stored on many nodes across the globe



The advantages for governmental institutions

Governmental institutions strive to protect diplomas from counterfeit. By integrating Trusted Diploma system into the operations of educational institutions, they could enjoy the following benefits:

- the control over conferred diplomas and certificates;
- the impossibility to issue a diploma if a person hasn't attended an educational institution;
- protection of diplomas from counterfeit;
- the transparency of processes inside educational institutions;
- reliable storage of information;
- easy verification of diplomas.



The advantages for universities

Every university wants to protect its diplomas, make them impossible to copy and hack. Trusted Diploma ensures universities and students can enjoy many benefits:

- every distributed certificate always remains valid;
- students can easily verify their diplomas, even many years after their graduation or if the educational facility ceases to exist;
- higher security increases the value of diplomas on the job market;
- certifications are authentic and counterfeit-proof;
- higher security increases the value of diplomas on the job market;
- ability to store information securely.



The advantages for the graduates:

- ensure competitiveness of his/her diploma;
- ability to instantly provide access to information about the diploma to any employer all around the world.



The advantages for employers

Risking hard-won reputation by hiring new stuff is the last thing any employer wants. With the new system by Emercoin, they don't have to make a lot of calls and mailing, trying to verify the credibility of every candidate. Trusted Diploma brings:

- the transparency of every received resume;
- an easy to use tool for verification of any certification or diploma by their unique numbers;
- "Trusted Diploma" simple functional helps to save time while gathering information. It takes only a few minutes to check;
- a solution to detect any fraudulent diplomas;
- opportunity to check a diploma of graduate from another country.



The advantages for employment-oriented services

Organizations that provide services for personnel recruitment want to guarantee that all registered users have graduated from universities on their curriculum vitae. Trusted Diploma could help them verify the authenticity of registered diplomas and get the following benefits:

- possibility to verify user's diplomas, certificates and other documents;
- opportunity to provide employers with verified information.



How it works

 Download and install Emercoin Wallet

University can do it on the Emercoin official website by going to the wallet-download tab. It won't take much time, as the downloading and setup can be done in two clicks.



University should create a record (for example - «UNIVERSITYNAME») and publicly confirm that this record belongs to him. This way it creates an analogue of Round Certificate seal. In future, all diplomas provided by this university, are signed using this original record.



How it works



Then University can start creating diploma records. Create the name of the diploma record (for example, "UNIVERSITYNAME": AA01:0), fill in information about diploma and student and indicate a time depth of the diploma.



Check the signature
Enter "UNIVERSITYNAME" and the address of the diploma and get «true» in the result.



How to verify diploma

To verify the authenticity of a diploma and find information about it in the blockchain you just need to enter a student's name, name of university and set the year of admission or graduation.

Check diploma

NAME OF UNIVERSITY	FIRST NAME AND LAST NAME
<input type="text"/>	<input type="text"/>
YEAR OF ADMISSION	YEAR OF GRADUATION
<input type="text" value="v"/>	OR <input type="text" value="v"/>



How to verify diploma

If the process is successful, and the diploma is authentic you will see information about it.



There is 1 record on blockchain

NAME	JOHN DOE
YEAR OF ADMISSION	2016
UNIVERSITY	BUSINESS AND TECHNOLOGY UNIVERSITY
SPECIALIZATION	ECONOMIC
DEGREE	DOCTOR



“Business and Technology University” from Georgia verifies its diplomas



Business and Technology University, located at “Silicon valley Tbilisi”, Tbilisi, Georgia

The mission of the university through creating entrepreneurial ecosystem and integrating with business high technologies, raise students’ motivation and provide them with the opportunity to become competitive work force not only on the local but also on the international market.

The university is already using innovative Trusted Diploma system and guarantees that graduates can verify the authenticity of diplomas. It successfully integrates high technologies into operations, issues verifiable diplomas and provides students with the opportunity to become successful employees.



Testimonials

«Trusted Diploma provides a vital new service to BTU administrators and graduates. We are very happy to work with the innovative Emercoin team on this crucially important project. The Trusted Diploma platform will help our school build a secure and immutable database of education certificates, which will help our graduates as they pursue successful careers»

Mikheil Batiashvili | Minister of Education, Science, Culture and Sports of Georgia

«The need for this technology is pervasive. Much like the little 'check mark' on Twitter or Facebook profiles, companies like LinkedIn or Indeed.com could use this to validate the data represented on profiles, ensuring that data is tamper-proof and accurate. Blockchain is a core technology enabling greatly improved efficiency in the way governments, businesses and institutions deliver systems and services to people around the world. Emercoin is harnessing that technology to make sure those solutions are flexible, user-friendly and available for everyone»

Bill Tai | Venture capitalist, an Emercoin advisor



About Emercoin



Emercoin is a blockchain platform. Since 2013 it has developed a wide range of easy-to-use dSDKs. dSDK (Decentralized Software Development Kit) is a set of software development tools that allows the creation of software, services and solutions. Usually, it includes APIs, technical documentation and parts of code for fast and easy development on a certain platform.

dSDKs are already implemented in numerous innovative technical solutions built on the blockchain. Emercoin offers services that have a potential to change the way different industries operate, providing means for data protection, secure storage of information, and creation of distributed services.



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