



2017 ECHO
GLOBAL E-EDUCATION &
RECRUITING BLOCKCHAIN

E-EDU & RECRUITING

The education industry is being disrupted by the Internet. The global e-education market is poised to grow at a CAGR of around **7.2%** over the next decade to reach approximately **\$325 billion by 2025.**" according to [Research and Markets](#),

U.S. e-learning market size was over USD 27 billion by 2016, owing to rising significance of these services across the region.

There are lots of other encouraging facts about the continued growth and adoption in this sector.

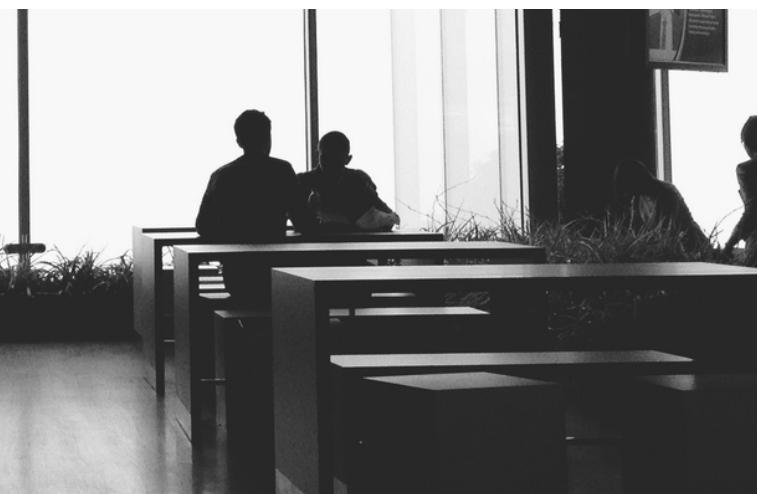
Ease of accessibility along with improvised effectiveness due to animated learning is likely

to positively impact e-learning market size.

In addition, increasing number of internet users coupled with escalating number of internet enabled mobile phones are anticipated to propel industry demand over the several upcoming years.

On top of academic education, the online corporate training market is expected to grow by **13% per year**, with 77% of U.S. companies offering online training to improve the development of their employees.

The era of e-education is truly upon us. In addition to academic training, skill training related to specific job requirements are also in demand.



Demand For Skill

The economy of today is based on knowledge. As such, employers look for job candidates with an increasing level of skill requirements. Be it, language skills, IT skills, financial skills, or other service skills, people with skills are highly sought after by employers.

Employers pay high amounts of referral bonus or head hunting fees to acquire candidates with good skills.

The recruiting industry generated USD 428 billion in revenue worldwide in 2016 (EUR 386 billion), with the US, Japan and the UK making up a majority of the revenue.

Online job sites, such as TaskRabbit, that cater to employers seeking certain skill sets for specific jobs are experiencing explosive growth. Employers increasingly look for and pay for specific skill sets.

In today's competitive global market, employers are willing to spend a high percentage of revenues to find the right employee with good skill sets.

Current Problems

As demand for education and training become global, academic and training institutions are still very fragmented and silo-ed.

Academic record verification and skill verification is a cumbersome process. In the US and many other countries, there is no nationwide academic record system.

When it comes to skill training, such as IT skill certification, the process is even more fragmented. While we trust the integrity of students and academic institutions, degree and grade reports could be altered or non-verifiable in many situations.

Employer spend a huge amount of resources looking for candidates with the right skill set and even more resources to check references and verify academic record and skill certifications.

All of these problems can be solved with an immutable and verifiable blockchain based system, introducing Echo, the global e-edu blockchain.



INTRODUCING ECHO

Echo is a blockchain network that connects students, education and training institutions and industry participants.

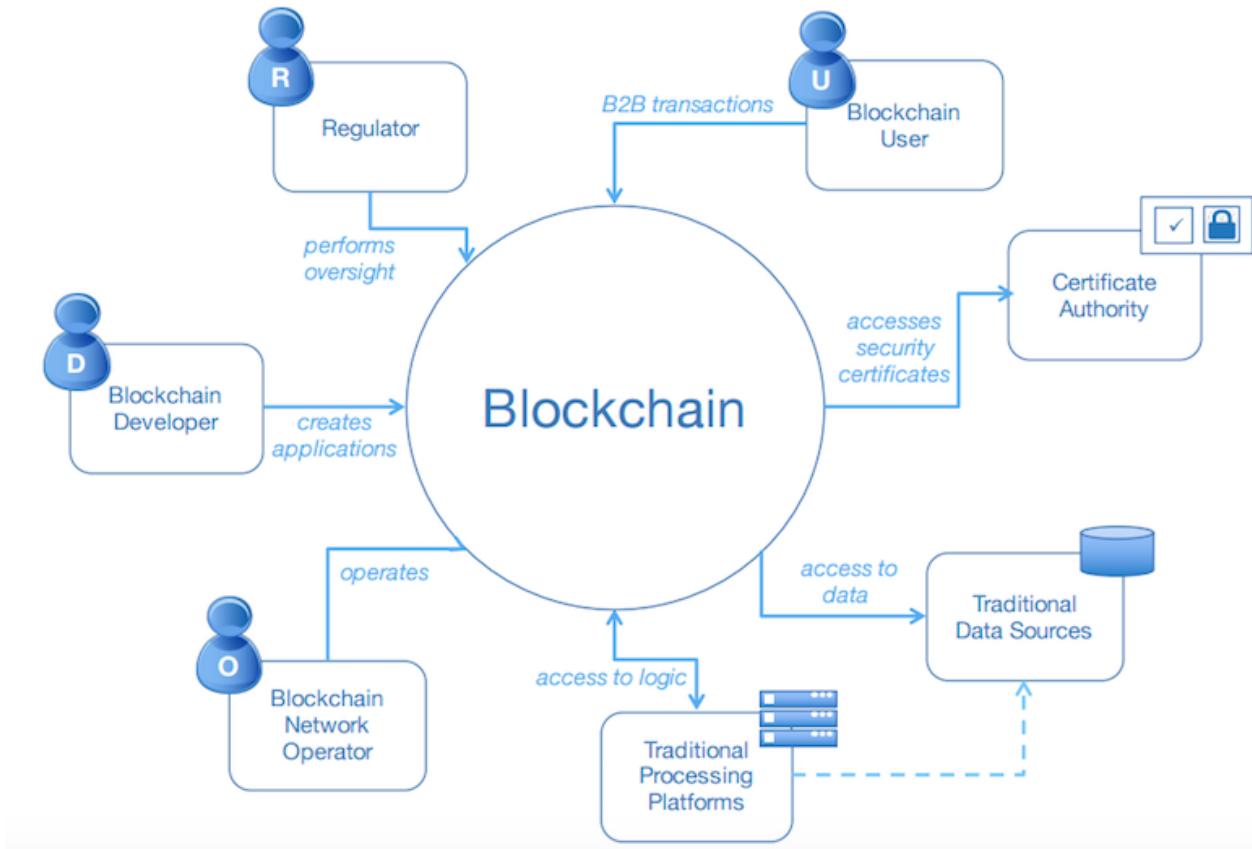
For students, Echo stores student grades, degrees, and certificates in a protected and verifiable blockchain system. It provides student records to potential employers and higher learning institutions in a trusted manner.

For academic and training institutions, Echo relieves them of the resources required to handle degree and certificate verification. Gives academic institutions the ability to both provide and receive trusted academic records.

For employers, Echo provides a trusted source of candidate information that is not alterable. Academic records, skill certificates are associated with job candidate in a trusted way, all supplied by the academic and training institutions directly, and immutable.

How we do it

Participants in Echo Blockchain Network



Echo is a permission based blockchain network. It consists of three major participants

1. Students

Students are given digital identity on Echo, which also stores degree, skills, work experience, student loan, etc.

2. University & Training Institutions

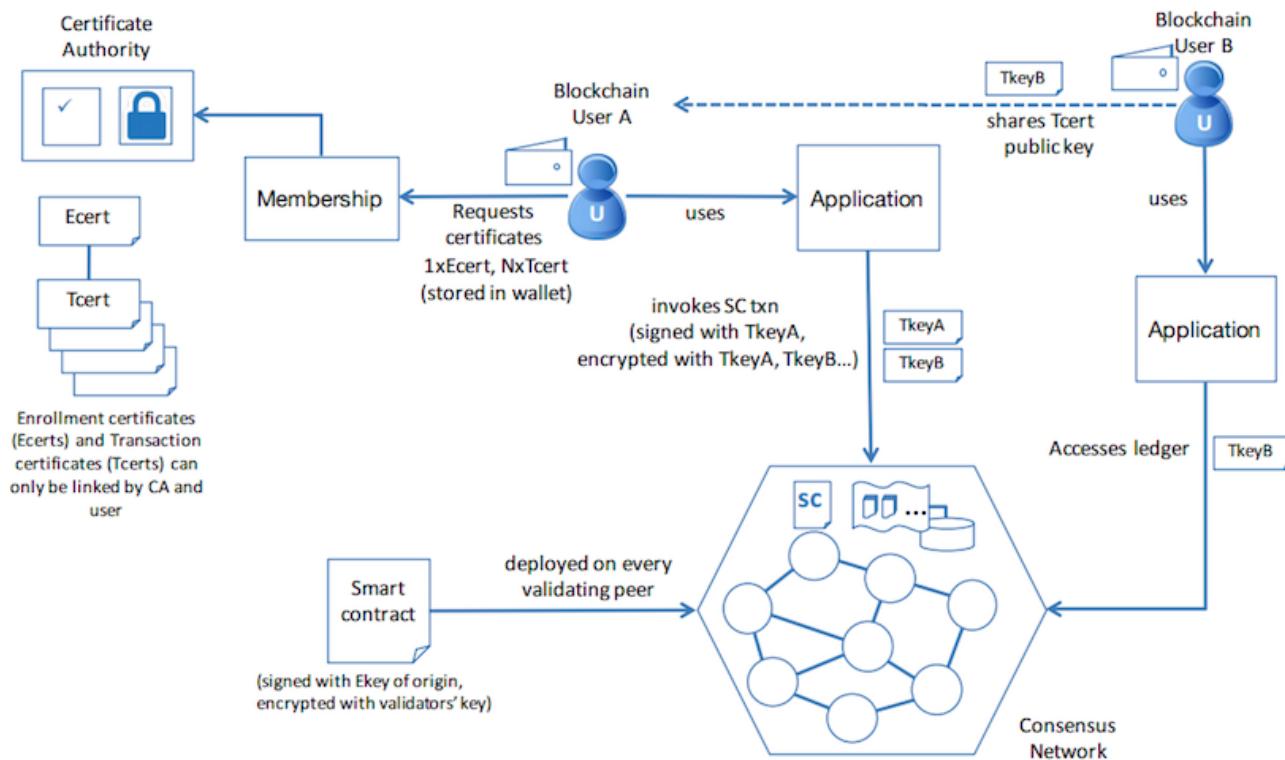
Educational & training institutions participate in Echo through institutional data sources & processing platform

3. Company & Hiring Entities

Hiring companies are granted access to Echo to trusted information on student degree, skill set, and work experience, and pay for the service with Echo Coin.

In addition, the Echo organization acts as the blockchain developer, network operator, and regulator.

Permissioned Ledger Access in Echo



"student privacy is protected. schools, training institutions, and hiring companies are granted access"

Permissions

The Echo network is permission based in order to protect student privacy and data integrity. This mechanism also provides an economic incentive to keep the network running and updated.

Companies pay into the network to gain valuable access in its hiring process while reducing costs in manual reference

checking and other hiring verification process.

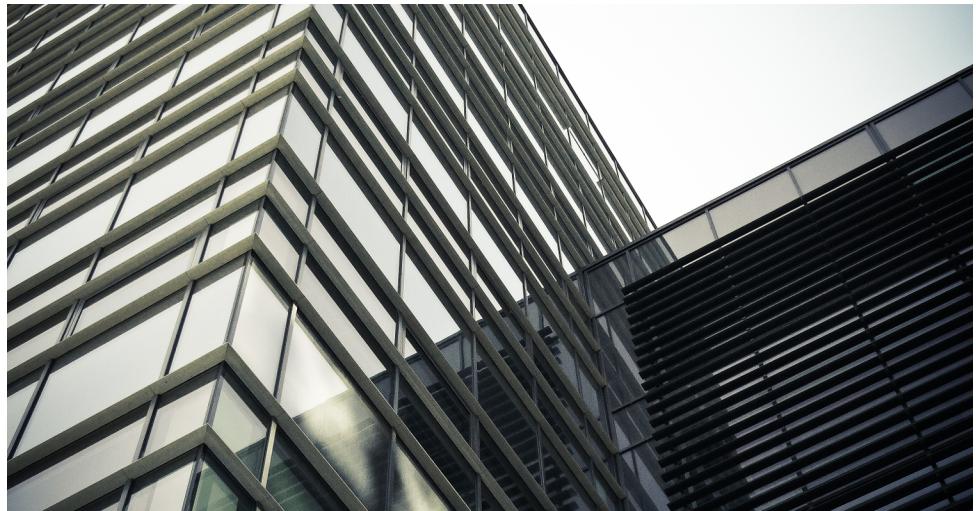
Echo Coin

The token on the Echo network is Echo coin. It is fundamentally driven by the hiring companies' need to hire the best and the brightest in today's competitive economic environment. Hiring companies pay into the network with Echo

Coin to search for the right job candidates. Echo Coin is the exchange medium that's shared with students and educational institutions on a per view and per hire basis. The cost of per view and per hire is market driven based on the reputation of educational institutions and student credentials.

“Blockchain
is a
remarkable
cryptographic
achievement
and the
ability to
create
something
that is not
duplicable in
the digital
world has
enormous
value”

Eric
Schmidt -
Google
Chairman



Partners

The Echo Network team has established partnership and working relationship with notable institutions to launch the Echo network.

Draper University

Draper University is founded by Tim Draper, the noted silicon valley investor. The Echo team partners with Draper University to store international student certificate and training credential on the Echo network.

Carnegie Mellon University

The Echo team partners with Carnegie Mellon University to offer high end software training program. The Echo network will store student grades, proof of work, and certificate information on the Echo blockchain. Hiring companies will have access to high end software engineers that received CMU software training certificate through the Echo network.

University of California, Berkeley

The Echo team partners with UC Berkeley on blockchain research and development through Berkeley's innovation center. In addition, certificates on UC Berkeley's engineering training program will be stored on the Echo network.



ECHO

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**55 Third Street
San Mateo, Calif.
www.echoedu.io
info@echoedu.io**