Blockchain learning: can crypto-currency methods be appropriated to enhance online learning?

Conference or Workshop Item

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Blockchain learning:

Can crypto-currency methods be appropriated to enhance online learning?

A talk by Peter Devine | Wednesday 9th December – 2015, 11:00am – 11:30am
ALT ONLINE WINTER CONFERENCE 2015 | altc.alt.ac.uk/online2015

Institute of Educational Technology, The Open University
What is Blockchain?
Can crypto-currency methods be appropriated to enhance online learning?

Blockchain: Blueprint for a New Economy

Melanie Swan

Peter Devine – Institute of Educational Technology. The Open University
Can crypto-currency methods be appropriated to enhance online learning?

Bitcoin: an online currency and payment system...

Peter Devine – Institute of Educational Technology. The Open University
MegaBigPower
CEO Dave Carlson inside
North America’s biggest bitcoin mine as of April 2014.
1 Bitcoin = £261.9

Exchange rate calculated using USD Bitcoin price via Preev.com
06 December 2015, 23.00hrs

Blockchain Learning –

Can crypto-currency methods be appropriated to enhance online learning?

Peter Devine – Institute of Educational Technology. The Open University
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Example of a Bitcoin address:
3J98t1WpEZ73CNmQviecrnyiWrnqRhWNLy

Example of a Private key:
******************************************************

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For information regarding Smart Contracts
Ethereum.org

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Choose your Bitcoin wallet
Find your wallet and start making payments with merchants and users.

- Mobile
- Desktop
- Hardware
- Web

Bitcoin Core
GreenBits
Multibit HD
Armory
Electrum
mSIGNA

Bitcoin Wallet
breadwallet
Bither
Coinomi
Copay
Airbitz

Take time to educate yourself

Bitcoin is different from what you know and use every day. Before you start using Bitcoin for any serious transaction, be sure to read what you need to know and take appropriate steps to secure your wallet. Always remember that it is your responsibility to choose your wallet carefully and adopt good practices in order to protect your money.

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Centralised

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Income & Expenditure = Teaching & Learning

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Academic development  Educational finance

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Example 1
A possible application of The Blockchain in learning and teaching –

Expose the student learning record to the public

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– Can crypto-currency methods be appropriated to enhance online learning?

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Example 2

A possible application of The Blockchain in learning and teaching –

Offsetting costs of learning using peer-to-peer network
Can crypto-currency methods be appropriated to enhance online learning?
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Decentralized Cloud Storage

Storj is based on blockchain technology and peer-to-peer protocols to provide the most secure, private, and encrypted cloud storage.

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Next steps and conclusion