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

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

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

Example of a Bitcoin address:
3J98t1WpEZ73CNmQviecrnyiWrnsRhnWNLy

Example of a Private key:
*******************************************************
– Can crypto-currency methods be appropriated to enhance online learning?

Choose your Bitcoin wallet

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

- Mobile
- Desktop
- Hardware
- Web

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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For information regarding Smart Contracts
Ethereum.org

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

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Blockchain Learning –

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Income & Expenditure = Teaching & Learning
What is Blockchain Learning?
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Academic development  Educational finance

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What is Blockchain Learning?

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Example 1

A possible application of The Blockchain in learning and teaching –

Expose the student learning record to the public
Can crypto-currency methods be appropriated to enhance online learning?
Can crypto-currency methods be appropriated to enhance online learning?

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

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