Bitcoins, Blockchains and Cybersecurity

Teaching Emerging Topics in the Classroom
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ATE 2018 – Discussion Session
Bitcoin, More Like 'Bitcon' Will Soon Become Zero, Says Economics ...
https://ethereumworldnews.com/bitcoin-more-like-bitcon-will-soon-become-zero-says...
Jul 13, 2018 - Gary Smith, an Economics professor at Pomona College, says that Bitcoin has no fundamental value. ... Smith contends that as an investment, Bitcoin is a "bitcon." ... Smith ignores the finite amount of the total Bitcoin supply in his zero-sum crypto Armageddon.

#bitcon hashtag on Twitter
https://twitter.com/hashtag/bitcon?lang=en
#Bitcon #ICX So this is a swing scalp I am currently in I have added information to try and put across my thinking behind the trade itself Hopefully you'll see, I can ...

Three Reasons Not To Not Buy Bitcon - ValueWalk
Three Reasons Not To Not Buy Bitcon. September 11, 2017 at 8:09 pm by marcus. A couple of weeks ago, after a long day fly fishing on the Yellowstone river in ...

BitCon Corporation | Paving Services | Parking Lots, Driveways ...
bitconcorp.com/
BitCon provides paving services in the public, commercial, and residential construction sectors to customers across Massachusetts and Southern New ...

John Crudele Cruelly Labels Bitcoin 'the Fake Bitcon Currency', $0 is ...
https://bitcoinexchangeguide.com › News › Cryptocurrency Headlines
Aug 21, 2018 - John Crudele, an prominent business journalist in the United States, attacked Bitcoin calling it a fake currency. In an article uploaded to the ...

Strategist calls bitcoin 'Bitcon' and says it's a classic bubble - Business ...
1 BTC = $6480.07
TRANSACTIONS PER DAY

The number of bitcoin transactions in the last 24 hours.

2 4 7 2 0 9

Transactions since Wed Oct 24 2018 9:46:00 AM.

MARKET CAP: $112,372,485,145.00

HASH RATE: 41,419,136.93 TH/s
Separating the hype from the technology

• Crypto currencies are becoming popular with banks, consumers and various industries.

• There is a need for consumers and students to understand the basic underlying technology behind these crypto currencies and the underlying value, security risks and concerns.
Core Topics

• Cryptocurrencies
  • Bitcoin (BTC, started in January 2009 after paper by “Satoshi Nakamoto”
  • Altcoins - Ethereum, Ripple, Bitcoin Cash, Cardano, Litecoin, NEM, Stellar, NEO, IOTA, Dash, Monero, TRON

• Blockchain (invented by Satoshi Nakamoto in 2008, as public transaction network for Bitcoin)

• Mining

• Proof of Work

• Wallet

• Exchange

• Initial Coin Offering (ICO)

• Regulations

• Cybersecurity
Embed within Traditional Programs/Courses

- Accounting
- Finance
- Business
- Computer Science
- Information Technology
- Cybersecurity
- Administration of Justice
- Law
- Etc…
Examples from CompSci and Business

• Computer Science
  • Proof of Work Protocol
  • Economic measure to deter DDOS or Spam
  • Extend understanding to create transaction block in a chain
  • Mining computers, hash rate
  • Electricity consumption

• Business: Accounting, Finance, Supply Chain, Security
  • Tax and government regulations
  • Distributed ledger for private/public supply chain
  • Cryptocurrencies for payments
  • Initial Coin Offering (ICO) for startups
  • Security of Wallets and Exchanges