Truth or Beware

Emerging Technologies like BlockChain in Academic Records – Chris Jagers

Emerging Initiatives in Academic Credentialing – Joellen Shendy

Introduction and Moderator – David Moldoff

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A framework for discussion

- Why are we here?
  - The Confusion and Difficulty with Credentialing
  - The Evolving Difficulties in Verification
  - The Evolving Difficulties in Comparability

- Where are we going?
  - Addressing Clarity
  - Addressing Verification
  - Addressing Fraud and Abuse
  - Addressing Governance, Control, Process, Ownership, Sustainability
- Initiatives and Pilots
  - Globally
  - Nationally

ADVANCING STUDENT MOBILITY IN A DIGITAL WORLD
FALL 2017 DATA SUMMIT

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Credential Confusion

enterprise times

Academic credentials to go on a blockchain

MIT Issues First Digital Diplomas Using Blockchain Technology
CoinTelegraph - Oct 20, 2017
"From the beginning, one of our primary motivations has been to empower students to be the curators of their own **credentials**. This pilot makes ..."

Micro-Credentials and College Admissions: Enhancing Access and Supporting Learning

A guest post (and Q&A) from Michigan's James DeVaney.

By James DeVaney // May 24, 2017

OCT 12, 2017 @ 09:19 AM   920

Taming The Wild West Of Digital Badges And Credentials

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A Kayak for Credentials

Ambitious project to create public database of wage data and other information about all postsecondary credentials seeks to help students and employers know more about what's expected in academic and job-training programs.

By Paul Fain // October 18, 2017

4 COMMENTS

STANDARDS

Credentials, Competencies, Careers

Creating a competency-based U.S. credentialing system

PUBLISHED: TUESDAY, OCTOBER 10, 2017 - 12:02

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Credential Fraud and Abuse

A Viral Fox News Video Featured A Pro-Trump "Navy SEAL" Who Turned Out To Be A Phony

The network issued a correction about John Garofalo's falsified military record, 11 days after it first aired the segment.

Originally posted on October 20, 2017, at 2:47 p.m.
Updated on October 20, 2017, at 3:51 p.m.

Patrick Murphy embellished his University of Miami academic achievement

Toronto Hydro CEO Anthony Haines says education credentials not 'misleading'

Misleading academic credentials of Toronto Hydro's top executive Anthony Haines were presented in packages of documents submitted by the utility to the Ontario Energy Board

Woman admits faking **credentials** to work in hospital
Belleville News-Democrat - Oct 19, 2017
A woman has admitted that she lied about her nursing **credentials** to work ...
today for unlimited **digital** access to our website, apps, the ...

Yahoo overstated CEO credentials, Loeb says

Minister Admits Overstating Her Credentials

By SAMUEL G. FREEDMAN   SEPT. 26, 2013

Education

GWU reports overstating freshmen credentials

OCT 8, 2017 @ 11:39 PM   4,940 ⊚   **Forbes** / Asia / #NewTech

How Blockchain Can Stamp Out China's Fake Diplomas

A
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Credential Verification

SHRM
SOCIETY FOR HUMAN
RESOURCE MANAGEMENT

Verify Degrees and Protect the Company from Resume Fraud

By Roy Maurer
Jun 14, 2017

Only 50% verify educational credentials!

85% of HR Managers surveyed say candidates misrepresent educational credentials!

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- What are Records? Descriptive data and transactional

- Who authors the data and assigns the attributes?

- What is recorded? Attendance, Competency, Measures, Likes, Comments, Outcomes

- Who records the data? Self, Third Party, Employer, Institution

- Who curates and/or tenders data? Issuer, Self, Third Party

Do we own our data?

Six Principals of Credential Verification

- Credential context, comparability and meaning
  - "the what - achievements vary"

- Degree of separation from the authoritative source
  - "the how - clean hands don't touch"

- Level of familiarity with the source
  - "the where and when"

- Ease of verification
  - "getting it right is most important"

- Anything of value, also has a cost
  - "supply and demand driven"

- Do we know and trust the gatekeeper?
  - "the value in truth, knowledge, opinion and assessment"

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Exploring Emerging Technologies

- **CHRIS JAGERS**, CEO, LEARNING MACHINE

THE BLOCKCHAIN REVOLUTION HAS RECENTLY COME TO THE EDUCATION SECTOR WITH THE PROMISE OF PROVIDING A TAMPER-PROOF INFRASTRUCTURE TO FACILITATE STUDENT OWNERSHIP AND USE OF ACADEMIC RECORDS. THIS MEANS STUDENTS CAN SHARE THEIR OFFICIAL RECORDS DIRECTLY WITH ANYONE AND HAVE THEM EASILY VERIFIED AS AUTHENTIC. THESE RECORDS NO LONGER HAVE TO BE TRANSMITTED BY A THIRD PARTY, WHICH IS A FUNDAMENTAL BREAK FROM THE TYPICAL VENDOR-CONTROLLED ECOSYSTEMS WHERE RENTS MUST BE PAID TO USE OR TRANSMIT OFFICIAL RECORDS. IN THIS SESSION, ATTENDEES WILL BE INTRODUCED TO BLOCKCHAIN, ITS HISTORY AND APPLICATIONS, AND HOW TRUST, NON-REPUDICATION AND MOBILITY ARE ADDRESSED.

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Exploring Initiatives in Academic Credentialing

- **JOELLEN SHENDY**, ASSOCIATE VICE PROVOST & REGISTRAR, UNIVERSITY OF MARYLAND UNIVERSITY COLLEGE

ACADEMIC CREDENTIALING ITSELF IS EXPERIENCING AN OVERALL ENTERPRISE-WIDE RE-ENGINEERING. WHILE STUDENT MOBILITY CONTINUES TO DRIVE MANY TECHNOLOGIES AND APPLICATIONS, ENSURING PRIVACY, SECURITY, AUTHENTICITY AND UNDERLYING TRUST REMAIN A CHALLENGE. MANY INSTITUTIONS ARE EXPERIMENTING WITH EMERGING TECHNOLOGIES AND APPLICATIONS AND COLLABORATING WITH LABOR AND WORKFORCE SECTORS. IN THIS SESSION, ATTENDEES WILL LEARN ABOUT NUMBEROUS GROUPS AND INITIATIVES INVOLVED WITH UMUC AND WITH PESC'S ACADEMIC CREDENTIALING & EXPERIENTIAL LEARNING TASK FORCE, OF WHICH JOELLEN IS CO-CHAIR, (AACRAO, C-BEN, CAEL, CREDENTIAL MAPPING, AMONG MANY OTHERS), THEIR GOALS AND MISSIONS AND HOW TO GET INVOLVED.

Questions

- Online Education/Career/Job Sites with Portfolios or Profiles improve the ability to filter and narrow a pool of candidates. Do you envision the market will accept one type or profile form as standard?

- Aren't Word Doc Resumes, in their various forms, still the primary vehicle requested by prospective employers during screening and interviews?

- How will defining learning outcomes and competencies bring clarity to the market?

- Trust in data comes from the authoritative source. If I desire to validate someone worked for IBM and a specific manager, would you call a third party or IBM?

- Technology has vulnerabilities. Nothing public, can be totally secure. Can digital credentials eliminate fraud or duplication or stop people and organizations from over claiming?