

# Crypto-Credentials

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The New Currency of Opportunity



**Silk Road**  
*anonymous marketplace*

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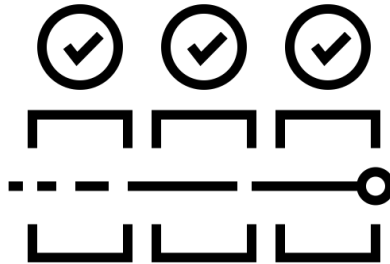
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# Overview

*What is blockchain? Do you need it?*

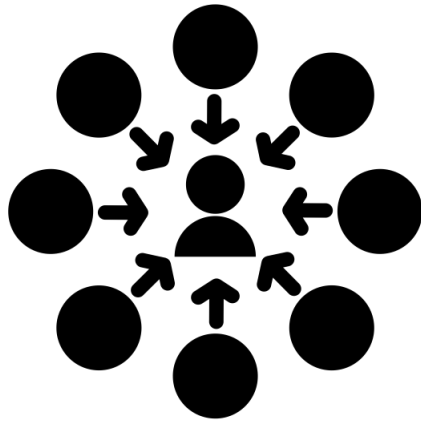
# A blockchain is a chain of blocks

*Distributed ledgers have the potential to empower individuals to transfer data frictionlessly, with security and integrity, and without a third-party intermediary*

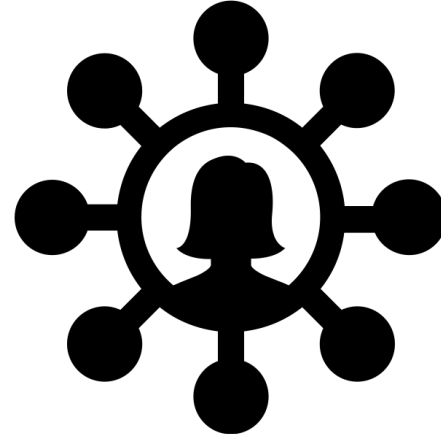


# Self-sovereign identity

*Recognizes that an individual should own and control their identity without the intervening administrative authorities*



Created by Brand Mania  
from Noun Project



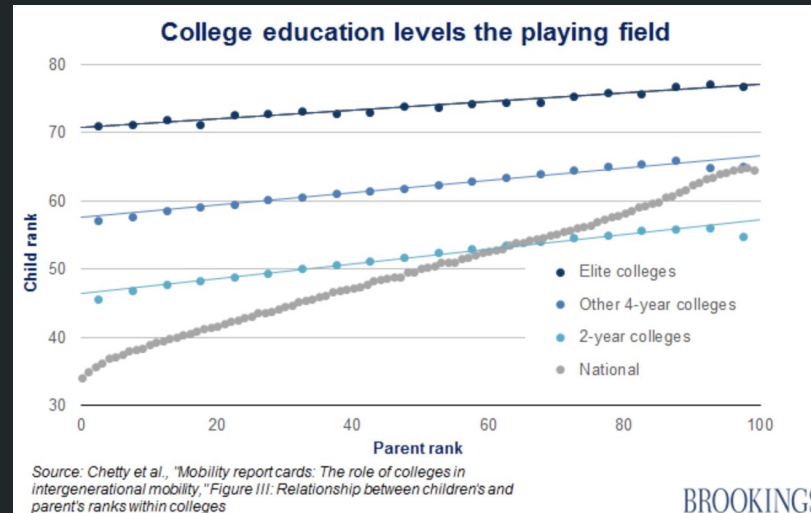
Created by Gregor Cresnar  
from Noun Project



How can *blockchain* support the educational ecosystem to increase **access**, provide **opportunity**, and promote success for **all** students?

# More than Inconvenience

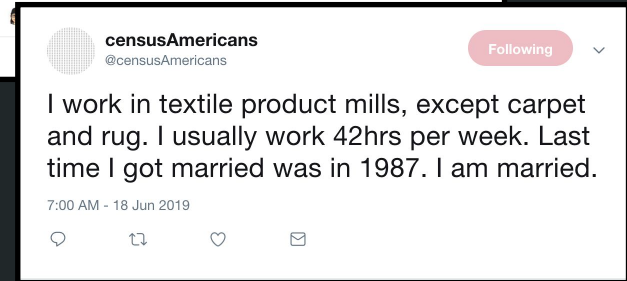
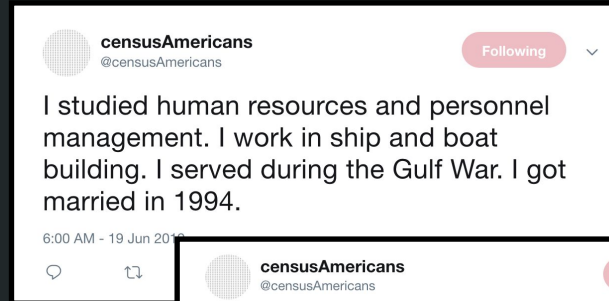
*Education reduces income gap  
and enables economic mobility*





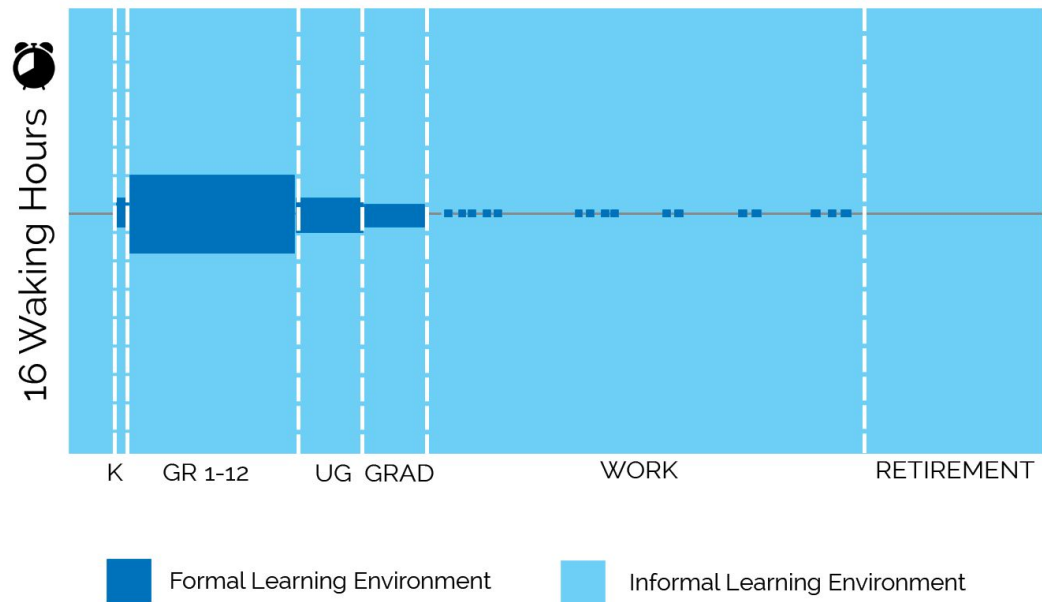
# Supported by an Ecosystem

*Designed around a whole person, not a learner's point-in-time affiliation*



@censusAmericans

# LIFELONG AND LIFEWIDE LEARNING



*This graphic represents the contexts in which learning occurs during waking hours over the lifespan, showing that even through grades 1–12, learners are only in formal education environments for less than 20% of their waking hours. The percentages of time spent by adults in formal learning environments after postsecondary education are less than 5%. This image by the LIFE Center is licensed under a CC BY-NC-SA 3.0 US license*



What are the design decisions we need to make  
in order to reduce friction for learners that will  
lead to **increased mobility**?



What are the design decisions we need to make  
to ensure we are **empowering the learners** we  
mean to serve?

“This blockchain thing has really transformed everything about education.”

*-Said NOBODY in Feb 2020  
@OfficeofEdTech*