**Week 4, Lesson 1 Resources: Decentralized Systems**

The following resources were selected to provide an overview of the topic of Decentralized Systems. We would like to acknowledge the authors of the various web articles, videos, and papers for their insightful discussions and analytics which help formed the basis for some sections of the lessons and modules.

**Title of Resource: [Blockchain Based Trust & Authentication For Decentralized Sensor Networks](https://arxiv.org/pdf/1706.01730.pdf" \t "_blank)**

Resource type: Website

Description: The article contained on this website summarizes and explores decentralized authentication and node trust informations.

**Title of Resource:**[**How the Blockchain will Radically Transform the Economy**](https://www.ted.com/talks/bettina_warburg_how_the_blockchain_will_radically_transform_the_economy?utm_campaign=tedspread--b&utm_medium=referral&utm_source=tedcomshare)

Resource Type: Video - TEDtalk (Run time- 14:58)

Description: In this valuable TEDtalk of the complex (and confusing) technology, Bettina Warburg describes how the blockchain will eliminate the need for centralized institutions like banks or governments to facilitate trade, evolving age-old models of commerce and finance into something far more interesting: a distributed, transparent, autonomous system for exchanging value.