# WE NEED TO GET AMERICA ON CHAIN 

TO GET THE WORLD ON CHAIN...WHY?

HUMANS ARE MEANING SEEKING MACHINES


We See uniquely, We LABEL BY EXPERIENCE, WE JUDGE NEAR INSTANTANEOUSLY

## THE VIEW FROM THE TOP

The Global Pyramid Of Wealth
An overview of global wealth distribution (U.S. dollars)


AMERICA AND THE US\$ IS THE ECONOMIC SUPERPOWER THE CORNERSTONE OF THE GLOBAL ECONOMIC SYSTEM


## AN ECONOMIC SUPERPOWER BY THE NUMBERS



## AN ECONOMIC SUPERPOWER BY THE NUMBERS



WHAT DO THE FINANCES OF SUPERPOWER CITIZENS LOOK LIKE?

|  |  |
| :---: | :---: |
|  |  |
| LOCAL REVENUE | LOCAL DEBT |
| \$1,377,992,825,240 | \$1,867,397,394,987 |




> NETWORK
> COMPOSITION


NETWORK
DEPENDENTS

## WE ALL HAVE COGNITIVE BIASES

## PLEASE DO NOT FEED THE FEARS

CONVENIENT MENTAL MODELS THAT HELP US PROCESS OUR WORLD

## DESPITE U.S. ECONOMIC POWER

## SURVEY: HOW MUCH MONEY DO YOU HAVE SAVED IN YOUR SAVINGS ACCOUNT?



228 MILLION AMERICANS HAVE LESS THAN US\$1,000 OF SAVINGS

# THIS IS AN AMERICAN WITH LESS THAN US\$1,000 OF SAVINGS? 

Table A. Average expenditures and income of all consumer units and percent changes for selected components, 2014-16(1)

| Item | 2014 | $2015$ | $201$ | Percent change 2014-2015 2015-2016 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Average income before taxes | \$66,877 | \$69,62 | \$74,664 | 4.1 | 7.2 |
| Average annual expenditures | 53,495 | 55,978 | 57,311 | 4.6 | 2.4 |
| Food | 6,759 | 7,023 | 20 | 3.9 | 2.6 |
| Food at home | 3,971 | 4.015 | 4,049 | 1.1 | 0.8 |
| Food away from home | 2,787 | 3,008 | 3,154 | 7.9 | 4.9 |
| Housing | 17,798 | 18,409 | 18,886 | 3.4 | 2.6 |
| Shelter | 10,491 | 10,742 | 11,128 | 2.4 | 3.6 |
| Owned dwellings | 6,149 | 6,210 | 6,295 | 1.0 | 1.4 |
| Rented dwellings | 3,631 | 3,802 | 4,035 | 4.7 | 6.1 |
| Apparel and services | 1,786 | 1,846 | 1,803 | 3.4 | -2.3 |
| Transportation | 9,073 | 9,503 | 9,049 | 4.7 | -4.8 |
| Vehicle purchases | 3,301 | 3,997 | 3,634 | 21.1 | -9.1 |
| Gasoline and motor oil | 2,468 | 2,090 | 1,909 | -15.3 | -8.7 |
| Other vehicle expenses | 2,723 | 2,756 | 2,884 | 1.2 | 4.6 |
| Healthcare | 4,290 | 4,342 | 4,612 | 1.2 | 6.2 |
| Health insurance | 2,868 | 2,977 | 3,160 | 3.8 | 6.1 |
| Entertainment | 2,728 | 2,842 | 2,913 | 4.2 | 2.5 |
| Cash contributions | 1,788 | 1,819 | 2,081 | 1.7 | 14.4 |
| Personal insurance and pensions | 5,726 | 6,349 | 6,831 | 10.9 | 7.6 |
| Life and personal insurance | 327 | 333 | 322 | 1.8 | -3.3 |
| Pensions and Social Security | 5,399 | 6,016 | 6,509 | 11.4 | 8.2 |
| All other expenditures | 3,547 | 3,845 | 3,933 | 8.4 | 2.3 |

(1)Subcategories do not sum to $100 \%$.

## 70\% OF AMERICANS LIVE PAYCHECK TO PAYCHECK



THEY ARE WORTH US\$1,000 - US\$1,500 PA TO ACQUIRE

WHO ACQUIRES AMERICAN CONSUMERS?


## E-COMMERCE IS POWERED BY CONSUMPTION

US ecommerce sales surging growth


## WHAT DO CONSUMERS WANT?

The Elements of Value Pyramid
Products and services deliver fundamental elements of value that address four kinds of needs: functional, emotional, life changing, and social impact. In general, the more elements provided, the greater customers' loyalty and the higher the company's sustained revenue growth.


## EVERYTHING!

The consumer packaged goods (CPG) industry is one of the largest and most successful industries in North America. During the last several decades, this industry experienced remarkable growth in both revenue and shareholder returns, fueled by the expansion of emerging-market economies and the subsequent increase in global consumption. The last few years, however, saw a decline in people's disposable incomes, as well as a general change in consumer attitudes. Nevertheless, CPG sales in.the United States constantly grew overthe past five years. Sales figures were estimated to exceed 760 billion U.S. dollars by 2016. Consumer packäged.goods include comentrodities such as food and drinks, clothing and footwear,

## WHO ACQUIRES AMERICAN CONSUMERS?



## HOW MUCH DO THEY PAY?

## Figure 1: Marketing Budgets By Industry

Marketing accounts for what percentage of your overall budget?


## WHAT DO CONSUMERS REALLY WANT?

The big disconnect: Executives and consumers are seriously misaligned
Factors driving customers' willingness to try companies' digital CX initiatives

Executive ranking


Source: IBM Institute for Business Value, Executive survey $n=600$; Consumer survey $n=5,895$.
Note: Multiple instances of the same ranking number represent a tie.

## SHOW ME THE BEHAVIORAL ECONOMICS

## Brand Money <br> Exclusives Offers



## Simple

Takes less Time

$$
\begin{aligned}
& \text { EXPANSION OF "MARKETING" } \\
& \text { CONTRACTION OF "SALES" }
\end{aligned}
$$

## The New Marketing \& Sales Funnel

Then...
...Now


## Demand generation

Internet is now a third of all advertising: Google and Facebook have well over half of it


## GOOGLE, FACEBOOK \& AMAZON OWN

 $73 \%+$ OF INTERNET ADVERTISING
## TOTAL USAD SPEND US $\$ 220 B$

This statistic contains data on the digital advertising expenditure in the United States from 2012 to 2015, with forecasts until 2020. The source projected digital ad spending would reach 93.18 billion U.S. dollars in the U.S. in 2018.


## ALL COMPETING FOR THE SAME DIGITAL

 MARKETING DOLLARS TO GET YOUR ATTENTION!تchiefmartec.com Marketing Technology Landscape




## Sources: CabinetM (httr

## GOOGLE, FACEBOOK AND AMAZON OWN 73\%+

 OF ALL DIGITAL ADVERTISING,
## Global internet ad spending(\$bn)



- Desktop - Mobile
[Source: Zenith, a16z]


## HERE ARE THE SUPER SUCCESSFUL ONES!

## 2017 1 Interenet Minute



# YOU ARE <br> THE CONSUMER AND THE PRODUCT! 



Source: SEC Filings and Company Announcements.

## THIS IS A LOCK IN AND A LOCK OUT!

|  | (500) | amazon | 4 |  |
| :---: | :---: | :---: | :---: | :---: |
| IT \& Infrastructure | Google fiber | ¢riamazon mithen | Aquila | Apple SIM |
| Artificial Intelligence | - Google Assistant | amazonalexa | Jarvis | Siri |
| Hardware Devices | G. Puel Bi Chromecost Aest | amazonfirery amazonitide amasonecto | (-) oculus | $\begin{array}{\|l} \text {-iPhone } \$ \text { iPad } \pm \text { watch } \\ \text { etc. } \end{array}$ |
| Communication \& Messaging | G+ Google+ Allo |  | (C) Whotsopp f focebook 9 Mesenger Morkplace | (1) mangr |
| Digital Media \& Entertainment | D Google Ploy Your | amazon | facebook.com/goming | ¢iTunes ¢tV ※Music |
| Connected Car \& e-Mobility | 4 androidauto | alea Alexa integration | Q-Integration (Transportation) | (C) CorPloy |
| E-Commerce \& Retail | Google Shopping purchase on Google | amazoncom ect $\underset{\text { Promen }}{ }$ amazenn | Focebook Buy-Button' | (2) Beocon \&i store |
| FinTech \& Payment | Coogktin (Poy | amazon payments | $\begin{aligned} & \text { Q-Integration } \\ & \text { (Friend-to-friend Poyment) } \end{aligned}$ | *"Pay |
| Navigation \& Location services | 8 Google Mops | Amazon Maps API, MAPS.ME integration |  | []. Apple Mops |
| Advertising |  | amayonassociates amazonadvertising | Facebook Business, Instagrom Business | Apple Search Ads |

IF THE BRANDS ARE PAYING US\$220BN TO SPEAK TO 125 M US HOUSEHOLDS...


## WHY DON'T THEY PAY US DIRECT? HOW?

## ONCE A BRAND HAS CONSUMER ATTENTION, THEY MUST RETAIN IT, BUT HOW?

## 2

Consumers add or subtract brands as they evaluate what they want.

The consumer considers an initial set of brands, based on brand perceptions and exposure to recent touch points.



## MASTERS OF WEB 1.0 \& 2.0

| verto |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| POSTICN \& SUBJECT |  | OWAER PUELISHER | MONItLY UNTGUE USERS (Net) (M) | REACH (9)] | STICXINESS [8] | TIME SPENT PER MONTH PER USER [Hows) | SESSIONS PER MONTH PER USEREI | AVERACE SESSION OURATION [Minutes] | DESKTOP <br> USERS [M] | SMARTPHONE USERS (M) | TABLET USERS (M) |
| 2. | Amazon | Amazon.com, inc. | 200 | 81\% | (313) | 14.42 | 33 | 3.05 | 1091 | 130 | 53.1 |
|  | Wotmart | Wal-Mart Stores. Inc. | 113.1 | 46\% | 15\% | $0: 26$ | 8 | 3:14 | 55 | 65 | 19.1 |
| ${ }^{2}$ ebay | e8oy | ebay inc. | 86.7 | 35\% | (18\%) | 1:22 | 13 | 6:22 | 49.3 | 42 | 13.8 |
|  | Applecom | Apple, Inc. | 71.3 | 29\% | 7\% | 0:07 | 3 | 2:58 | 22.9 | 39.3 | 21.5 |
|  | Groupon | Groupon, inc. | 67.8 | 27\% | 12\% | $0: 14$ | 6 | 2:34 | 26.5 | 43.3 | 8.5 |
| c. 4 | Microsolt Store | Microsoft Corporation | 62.5 | 25\% | 10\% | $0: 15$ | 3 | $4: 22$ | 49.8 | 13.7 | 3.7 |
| 20 | Target | Target Corporation | 61.3 | 25\% | 9\% | 0.13 | 4 | 3.29 | 23.6 | 36.5 | 12.3 |
| - (1) | Craigslist | Croigslist. Inc. | 44.6 | 18\% | 16\% | 2:14 | 9 | 14:40 | 21 | 23.9 | 8.4 |
| 2.129 | Couponsicom | Coupons.com, inc. | 431 | 17\% | 10\% | 0.37 | 5 | 7739 | 28.2 | 12.3 | 57 |
| ง. (20) | Best Buy | Best Buy Co. Inc. | 41.5 | 17\% | 7\% | 0.10 | 3 | 4:21 | 217 | 17.7 | 4.7 |
|  | The Home Depot | Homer TLC Inc. | 337 | 14\% | 7\% | 0.16 | 3 | 5:04 | 16.6 | 13.9 | 6.1 |
| 12. Cus | CVS | CVS Heath Corporation | $32 . A$ | 13\% | 11\% | $0: 16$ | 5 | 2:57 | 111 | 20.7 | 4.6 |
| ${ }^{3}$ (0x) | Ebates | Ebates inc. | 30.4 | 12\% | (19\%) | $0: 34$ | 13 | 2:39 | 22.7 | 6.5 | 2.9 |
| ${ }^{4}$ Etsy | Etsy | Ets\%. Inc. | 30.3 | 12\% | 8\% | 0.19 | 4 | $4: 33$ | 13.6 | 15.5 | 5 |
|  | JCPenney | J.C. Penney Corporation, inc. | 291 | 12\% | 6\% | 0:10 | 2 | 4:40 | 16.1 | 9.7 | 4.3 |

## HOW ELSE DO BRANDS CONNECT WITH CONSUMERS?

The United States Postal Service delivers more mail to more addresses in a largergeographical area than any other-pest in the world. The Postal Service delivers to more than 156 million addresses in every state, city and town in the country:
Everyone living in the United States and its territories has access to postal products and services and pays the same for a First-Class postage stamp regardless of their location.

Mail is big business
The U.S. Postal Service is the core of the more than $\$ 1.4$ trillion mailing industry that employs more than 7.5 million people.
These types of mail brought in most of the $\$ 71.4$ billion in operating revenue in 2016:


First-Class Mail - $\$ 27.3$ billion
Standard Mail - $\$ 18.0$ billion
Shipping and Package Services - $\$ 17.3$ billion
Periodicals - $\$ 1.5$ billion
If it were a private sector company, the U.S. Postal Service would rank 39th in the 2016 Fortune 500.

In the 2016 Global Fortune 500 list, the U.S. Postal Service ranked 107th.

# THE US POSTAL SERVICE (USPS) IS THE <br> LOGISTICS BACKBONE OF AMERICA, A "MASTER NODE" NETWORK SERVING 125M HOUSEHOLDS 

By the Numbers*

- 71.4 billion - 2016 operating revenue
153.9 billion - number of mail pieces processed ana delivered
- 47 - percent of the world's mail volume handled by the Postal Service
- 1.9 billion - dollar amount paid every two weeks in salaries and benefits
- 508,908** - number of career employees
- 130,881** — number of non-career employees
- 31,585 - number of Postal Service-managed retail offices
- 227,896 - number of vehicles - one of the largest civilian fleets in the world
- 37 million - number of address changes processed
- 13.5 billion - total retail revenue
- 877.4 million - total number of retail customer visits
- 24 - percent of retail revenue from alternative access channels
- 1.7 billion - total number of visits to usps.com


## HIDING IN PLAIN SIGHT

THE US POSTAL SERVICE (USPS) IS THE DECENTRALIZED DISTRIBUTED LOGISTICS BACKBONE OF AMERICA

Total Number of Mail Pieces (All Classes) Attributed to Direct Mail: 2005-2015

| Year | Total \# USPS Pieces | Total \# Direct Mail pieces | Percentage of Total Volume <br> attributed to Direct Mail |
| :--- | :---: | :---: | :---: |
| $\mathbf{2 0 0 5}$ | $211,742,711$ | $104,258,020$ | $\mathbf{4 9 . 2} \%$ |
| $\mathbf{2 0 0 6}$ | $213,137,703$ | $105,672,117$ | $\mathbf{4 9 . 6 \%}$ |
| $\mathbf{2 0 0 7}$ | $210,603,097$ | $113,057,605$ | $\mathbf{5 3 . 8} \%$ |
| $\mathbf{2 0 0 8}$ | $201,128,003$ | $108,151,636$ | $\mathbf{5 3 . 8} \%$ |
| $\mathbf{2 0 0 9}$ | $175,363,436$ | $91,093,787$ | $\mathbf{5 1 . 9 \%}$ |
| $\mathbf{2 0 1 0}$ | $169,154,120$ | $91,699,510$ | $\mathbf{5 4 . 2} \%$ |
| $\mathbf{2 0 1 1}$ | $166,460,877$ | $92,429,764$ | $\mathbf{5 5 . 5 \%}$ |
| $\mathbf{2 0 1 2}$ | $159,858,854$ | $86,659,650$ | $\mathbf{5 4 . 2} \%$ |
| $\mathbf{2 0 1 3}$ | $155,280,499$ | $87,298,707$ | $\mathbf{5 6 . 2} \%$ |
| $\mathbf{2 0 1 4}$ | $152,135,884$ | $86,450,581$ | $\mathbf{5 7 . 0} \%$ |
| $\mathbf{2 0 1 5}$ | $\mathbf{1 5 0 , 1 9 7 , 9 3 8}$ | $\mathbf{8 5 , 9 9 6 , 6 7 4}$ | $\mathbf{5 7 . 0 \%}$ |

*The total number of direct mail volume is determined from the following percentage approximations agreed upon by the USPS and DMA.
Due to changes in USPS classifications and marketer practices, DMA's methodology for calculating direct mail has changed. In the old calculation, before 2006, numbers are for $95 \%$ of standard mail (A), $7.5 \%$ of First Class, $85 \%$ of Standard Mail (B) Bounded Print Matfer, and $2 \%$ International.
In the new calculation after 2007, numbers are $15 \%$ of First Class, $95 \%$ of Standard Mail, 85\% of BPM.

Source: The DMA/USPS Revenue, Pieces and Weight by Classes of Mail and Special Services for fiscal years 2005 - 2015.

A "MASTER NODE" NETWORK SERVING 125M HOUSEHOLDS

## HOW MUCH, DATA?

TOTAL DATA SPEND FOR DIRECT MAIL
in billions


## WHY DO THEY DO IT?IT WORKS...

## LACK OF DIGITAL METRICS IS HINDERING DIGITAL GROWTH



## AND WHERE ARE THE JOBS?

## THE NEW GIG ECONOMY OF "ME \& WE"



## 73\%

are more likely to visit a retailer's local store if the commerce site provides in-store product availability information.



Product info

## AND WHERE ARE THE JOBS?

THE NEW GIG ECONOMY OF "ME \& WE"



YOU ARE THE CONSUMER AND THE PRODUCT


THE GDPR IS GOING TO USHER IN A NEW ERA IN, PRIVACY, SECURITY AND DATA VALUE

FINANCIAL INCLUSION REQUIRES DIGITAL INCLUSION


WE NEED TO OWN OUR DATA!

As we wrote before, the CLOUD Act is a far-reaching, privacy-upending piece of legislation that will:

- Enable foreign police to collect and wiretap people's communications from U.S. companies, without obtaining a U.S. warrant.
- Allow foreign nations to demand personal data stored in the United States, without prior review by a judge.
- Allow the U.S. president to enter "executive agreements" that empower police in foreign nations that have weaker privacy laws than the United States to seize data in the United States while ignoring U.S. privacy laws.
- Allow foreign police to collect someone's data without notifying them about it.
- Empower U.S. police to grab any data, regardless if it's a U.S. person's or not, no matter where it is stored.



# YOU SAY YOU CARE...BUT THE FREEMIUM MODEL IS ADDICTIVE 


\#DELETEFACEBOOK IS NOT TRENDING

## WE SAY WE CARE ABOUT PRIVACY AND SECURITY...BUT




WE TRADE OUR IDENTITY (OUR DATA) FOR SEARCH, EMAIL, CLOUD, MAPS, SOCIAL MEDIA....WHY? FREE \& EASY IS IRRESISTIBLE - WHAT HAVE I GOT TO LOSE?

SO WHY IS \#DELETEFACEBOOK NOT TRENDING? PEOPLE DON'T REALLY CARE \& CHANGE REQUIRES TIME AND MONEY


YOU HAVE TO BE 10X THE EXISTING EXPERIENCE TO MAKE PEOPLE SWITCH

The EU GDPR will increase privacy for individuals and give regulatory authorities greater powers to take action against businesses that breach the new laws.

Here's what it means for your business:

## Tough penalties:

fines of up to
$4 \%$ of annual global revenue
or
€ 20 million
The regulation also applies to non-EU companies that process personal data broader and includes identifiers such as
of individuals in the EU.


The international transfer of data will continue to be governed under EU GDPR rules.
 social identity.
economic



mental

cultural

Parental consent is required for the processing of personal data of children under age 16.

[^0]


Controllers must report a data breach no later than

## 72 hours

after becoming aware of the breach, unless the breach has a low risk to the individual's rights.

The appointment of a data protection officer (DPO) will be mandatory for companies processing high volumes of personal data and good practice for others.


Privacy risk impact assessments will be required for projects where privacy risks are high.

Products, systems and processes must consider privacy-by-design concepts during development.


Controllers must have a legal basis for processing and collecting personal data.

ISO 27001 and other certifications will
One-stop shop: international companies will only have to deal with one supervisory data protection authority. help demonstrate" adequate technical and organisational measures" to protect persons' data and systems.

## WORLD ECONOMIC FORUM DIGITAL GOALS



PEOPLE DON'T HAVE THE TIME TO CARE

## I COULD OWN MY DATA AND MAKE MONEY?



HOW DO I DO THAT? IS IT EASY? HOW MUCH MONEY?
WHO DO I TRUST?

## WHAT ARE THE BENEFITS?

## Figure 3: Benefits of DLT



In a peer-to-peer model, every peer in the network is a server and client, thus eliminating the middlemen in processes between users.

Enables the facilitation of transactions without a central, privileged third party even in the absence of trust.



Data on the DLT is immutable, and is thus resistant to double-spending, fraud, censorship and hacking efforts.

Creates a more secure, transparent network and creates new avenues for regulators.
(2) Secured by aryptography


Public key cryptography is a method for verifying digital identity with a high degree of confidence, enabled by the use of private and public keys.

Allows for increased security and protection of data and identity in the system.


Smart Contracts \& Oracles


Smart Contracts are virtual agreements encoded on the DLT that can be automatically reconciled based on logical conditions.

Enables the secure automation of complex, logical agreements and the business processes using data gathered by Oracles.


DLT allows for near real-time settlement of transactions, removing friction and reducing risk.

Enables transactions to be made in near real-time between users on the network.

## Trustless



DLT is based on cryptographic proof, allowing any two parties to transact directly with each other without a trusted thirdparty.

Allows two or more trustless parties to transact directly with each other.

## WHAT ARE THE BENEFITS? SAVE THE PLANET?

## 7 WAVS THE BLOCKCHAIN CAN HELP THE ENVIRONMENT

ENVIRONMENTAL TREATIES<br>TRACK REAL MPACT AND COMPLIANCE OF<br>ENMRONMENTAL. TREATIES DECREASE FRAUD AND MANIPULATION

ENERGY

INCREASE EFFICIENCY WTH
P2P ELECTRICAL GRIDS IMPROVE ACCESS TO POWER IN AREAS WTH POVERTY OR NATURAL DISASTERS

RECYCLING ENCOURAGE RECYCLING BY PROVIDING TOKENIZED REWARD TRACK AND EVALUATE EFFICACY

OF RECYCLNG PROGRAMS

SUPPLY CHATNS

created by
並 FUTURETHINKERS.ORG

NON-PROFITS
TRACK WHERE DONATIONS ARE GOING DECREASE INEFFICENCY AND BUREAUCRACY IN CHARIIES

CARBONTAX
CALCULATE TAX FOR PRODUCTS BASED ON CARBON FOOTPRNT CREATE A REPUTATION SYSTEM FOR COMPANIES BASED ON EMISSIONS

CHANGING INCENTIVES
ALIGN INCENTINES WITH
SUSTANMBLE PRACTICES
CREATE INCENTINES FOR PEOPLE TOACT IN SUSTANABLE WAYS

# SOUNDS COMPLICATED, LOOKS FRIGHTENING, HOW DO WE MAKE THIS SIMPLE AND SECURE? 

Cryptocurrency is creating a worldwide revolution. It's important to make sure that your assets stay protected. Please use this guide to help keep your cryptocurrency holdings safe.

Purchase and trade cryptocurrencies Purchan a clos and up to date PC ar laptop. Running Linux or Unix as your operating system is your operating system is the switch! The communitios have lots of support for beginners. Oubes is a of support for beginners. Qubes is a powerful OS for privacy and security. Windows or MacOS, and a firewall is recommended for network security.

Its a good idea to have one dedicated device for browing and one strictly for enptocurrency. Otherwive, consider virtualisation management for separate, secure, environments. VMWare, and Parallels are options, and VirtualBox is an open source and free VM option.

Software
Recommendations

$\sum$ Cryptocurrency Security Guide

$$
\begin{aligned}
& \text { and Security } \\
& \text { Phiching atods are one of the }
\end{aligned}
$$



Data Encryption
Fall dise encryption for Linux can be set up with LUKS ar cryptsetup, VeraCrypt for Windows and FileVaelt for MsoOS, Its important to keep your hand drives encrypted If they are ever stolen. Its an important step to inseriction and tore your hock up recowery heys safely. Be sure to back up your data on drives often.

Two Factor Authentication
On top of passuonds, two factor authentication (2FA) is important. Download an app on a device and be sure to write each secret passeode domen when you add a wehsite. Google Authenticator and FreeOTP are prefermed. Keep a copy of the code mored safely.

Hardware authentication (Fido U2F) is even more secure. Use this on top of paesword managen, of wherever available.


YOUR OWN BANK BE YOUR OWN SECURITY
commen thrests to crppocurrescies. Aliding ITTPS ecrywbere into your
browser con help detet malicions nebites
Chungleg your DNS ean help fliver out phiching suacks sad spooled
wetritos. Une Ooad9 or OpeaDNS to mild madher liger of Opectection.

Some DNS senes do hes
temporarily bas Ouad? des nae.
As on eatrs level of pentection, ues a VPN that does not las privete dite or leak DNS. Use a VPN parieclatly ubten you ane not ee Nour home setwork. AirVPN and

When tevesing the web for privacg Privery Pilv, use min miaker line Privacy Badper and ulBlock Origin.


Email Accounts


ProtonMail and Tutanota tahe encryption and privacy free to create and you can have isee to create and you can have had idea to huve multiple email secounts. Enigrait is OpeaPGP for Thunderbind and also highly recommended. Never use an email addrese that has been affected by a data reach or an email you use nocial netwerks. Eecryption is important in yommunications. Dont send sensitive data via insecure email.
Security Tips


[^1]
## THERE ARE FEW TRULY "NEW IDEAS"



EVOLUTION IS ABOUT ADAPTATION

## SUCCESSFUL PEOPLE FIND VALUE IN UNEXPECTED PLACES

## It always seems impossible until it's done

NELSON MANDELA

NOTHING STAYS THE SAME FOREVER

KEEP IT SIMPLE STUPID (KISS)



CAN EVERYONE WIN? YES
(APART FROM THE RENT SEEKERS)

## ARKEYTYP CAN BE INTEGRATED PROFITABLY INTO

85 BILLION DIRECT-TO-CONSUMER MAILINGS EACH YEAR TO GET AMERICA ON CHAIN

Scale Up vs. Scale Out



A PUBLIC NETWORK OF 10 M COMPUTERS (8\% OF THE USPS) WOULD BE LARGER THAN THE 180 PF GOOGLE CLOUD

# DO WHAT WORKS, <br> DECENTRALIZE AND DISTRIBUTE THE NETWORK 



A PUBLICLY HOSTED"AMERICAN WECHAT"

## SKILLS WE ALL NEED GOING FORWARD



## NETWORK GOVERNANCE REQUIREMENTS



## TO GET AMERICA ON CHAIN



IF YOU WANT TO KNOW MORE...
JOIN US!

There are two rules for
success...
1.Never reveal
everything you know



[^0]:    Users may request a copy of personal data in a portable format.

[^1]:    

