

Mission



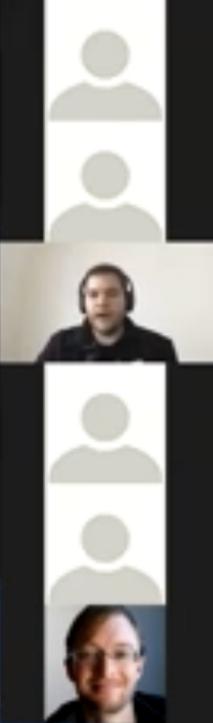
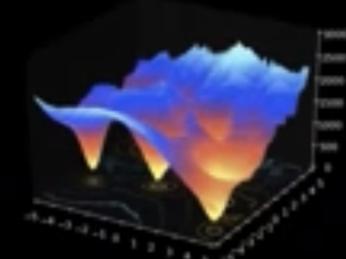
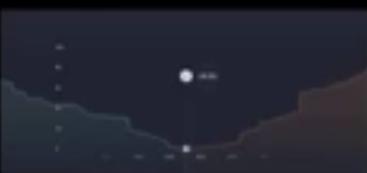
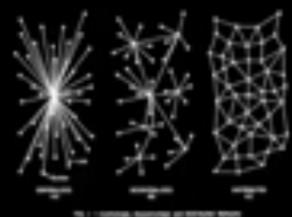
**voidao is creating Softwares
for Personal and
Distributed Web**

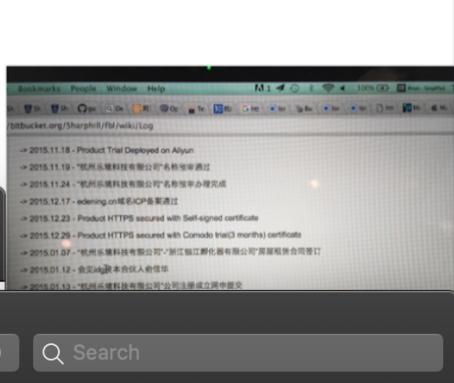
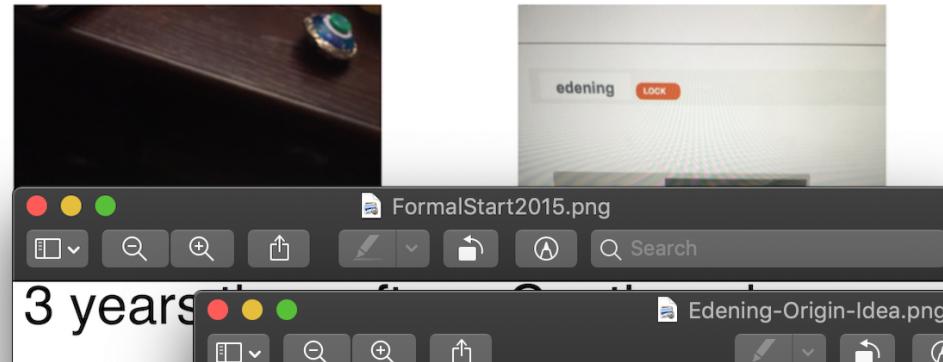


Flexible Convenient Harmony

The Mission of Filecoin

*to create a **decentralized**, **efficient**, and **robust** foundation for **humanity's information**.*





~ March, 2013

I was struggling with a **choice**...of making decision on an important change upon my career path.

- Option A: Accepting the offer from Cisco WebEx, venturing into a completely new realm
- Option B: Staying with StateStreet, continuing the 5+ years' successful and predictable comfort zone

During a long period of tough consideration, with renewed offer, one question comes out of my mind:

What if I would eventually go making technology startups, anything beyond the mere options may count?

...

"Virtual Workplace", is the strong voice coming after question, which starts quest.

Juan Benet (born March, 1988) is an American computer scientist. He is the Founder & CEO of [Protocol Labs](#), a computer networks research and development company.^[1] He is best known for creating the [InterPlanetary File System \(IPFS\)](#) - an open-source peer-to-peer decentralized web protocol and [Filecoin](#) - a cryptotoken incentivized file storage network.^[1]

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Education [edit]

Benet was born in [Cuernavaca, Mexico](#) and received a B.S. in [Computer Science](#) from [Stanford University](#) in 2010, and completed the first year of a Master's degree in CS before taking a leave of absence to work on his first company.^[2] Benet focused his undergraduate studies on [distributed systems](#), and spent two summers doing on-campus research, one with [Monica Lam](#) on private data sharing and one with Phil Levis on wireless sensor network routing protocols.^[2]

Career [edit]

Loki Studios [edit]

From January 2010 to December 2011, Benet was CTO of Loki Studios, leading development on the location-based multiplayer mobile game Geomon. The firm was eventually acquired by [Yahoo!](#) in May, 2013.^[3] ^[4]

Athena and Knowledge Management [edit]

In June 2012, Benet founded Athena, focused on accelerating knowledge distribution and discovery. After taking the company through [StartX](#), Stanford's Startup Accelerator Program where he was an advisor, he decided to put the project on hold in late 2013.^[2]

IPFS Project [edit]

After Athena, Benet worked on open-source tools to simplify management, indexing, and conversion of large data sets, which led to the creation of the [InterPlanetary File System \(IPFS\)](#), a peer-to-peer hypermedia protocol for developing entirely distributed or offline applications. Since its release in January 2015, 5 billion files have been added to IPFS with upwards of 15 million daily requests to the IPFS Gateway, and the open-source community includes thousands of contributors.^[5]

Protocol Labs [edit]

Benet started Protocol Labs in May 2014 and went through [Y-Combinator](#) in summer 2014 to support development of IPFS, Filecoin, and other projects.^[3] Since the launch of IPFS, he has developed other protocols at Protocol Labs including [libp2p](#), a modular network stack for peer-to-peer apps and systems; [IPLD](#), a data model for interoperable protocols; [Multiformats](#), a collection of protocols to future-proof systems; [CoinList](#), a token sale and investment platform; the [SAFT Project](#), a legal framework for token fundraising; and [Filecoin](#), a decentralized file storage network and protocol token.^[6]^[7]

Filecoin Project [edit]

[Filecoin](#) is a decentralized storage network - it uses the FIL protocol token to create incentivized marketplaces for file storage and retrieval. The new Filecoin whitepaper was released in July 2017, updating the original 2014 paper with a state-of-the-art network design and proofs of replication and spacetime. In August 2017, Filecoin ran a SAFT offering to fund network development, raising over \$205M from 2,100+ investors.^[8] In order to run the token pre-sale within US securities laws, Benet collaborated closely with [Cooley LLP](#) to create the SAFT Project, a legal framework to evolve the token investment and sale ecosystem in a compliant and standardized fashion.^[9]

Juan Benet



Born	Juan Batiz-Benet
	March 16, 1988 (age 31)
	Cuernavaca, Mexico
Residence	Palo Alto, California, US ^[1]
Nationality	American
Alma mater	Stanford University
Occupation	Entrepreneur
Known for	InterPlanetary File System , Filecoin
Title	Founder and CEO of Protocol Labs

Destination

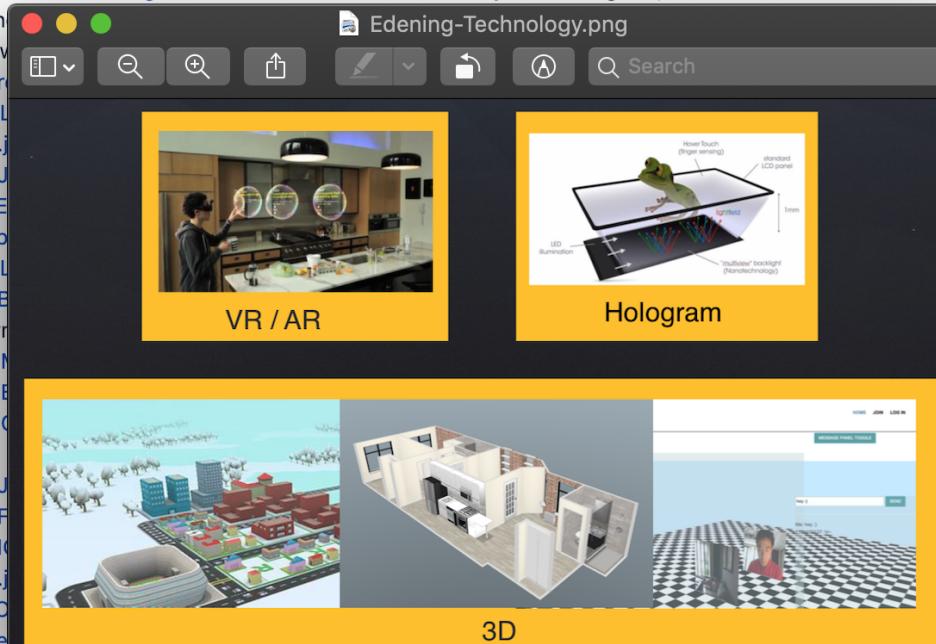
WebRTC for supporting real-time interactions

- Wrapping up an abstract, common, reusable layer for enabling all mainstream platforms.
 - RTCMultiConnection {TODO: Port for Meteor - Locally modified [npm package](#) for now}
 - iOSRTC Cordova Plugin {TODO: Port for Meteor - Locally modified [git repo](#) for now}

3D for modeling an

- ThreeJS for web based 3D
 - An introduction
 - WebGL
 - Three.js API
 - Three.js Examples
 - YouTube Tutorials
 - WebGL Examples
 - Three.js Examples
 - Performance
 - Three.js Examples
 - Three.js Examples
 - Three.js Examples
 - Modeling
 - Three.js Examples
 - Three.js Examples
 - Clara.io
 - Three.js Examples
 - 3D WebGL
 - Blender
- AR|VR|Hologram
 - AltSpaceVR
 - AltSpaceVRSDK@Github
 - AltSpaceVRStreaming
 - LEIA3D - @Github
 - LeiaCore - Leia3D's official holographic library for use with three.js
 - MozVR
 - WebVR
 - ARWithOpenCVandThreeJS
- Others
 - Draco: Library for compressing and decompressing 3D geometric meshes and point clouds

JS&NodeJS stack for powering standard web-based developments



applications

Etherpad

Websites

Orbit

Mediachain

uPort

naming

Blockstack

DNS

IPNS

Namecoin

EthNames

exchange

BitTorrent

Bitswa

routing

Gossip

Chord

Kad DHT

network

CJDNS

UDT

uTP

WebRTC

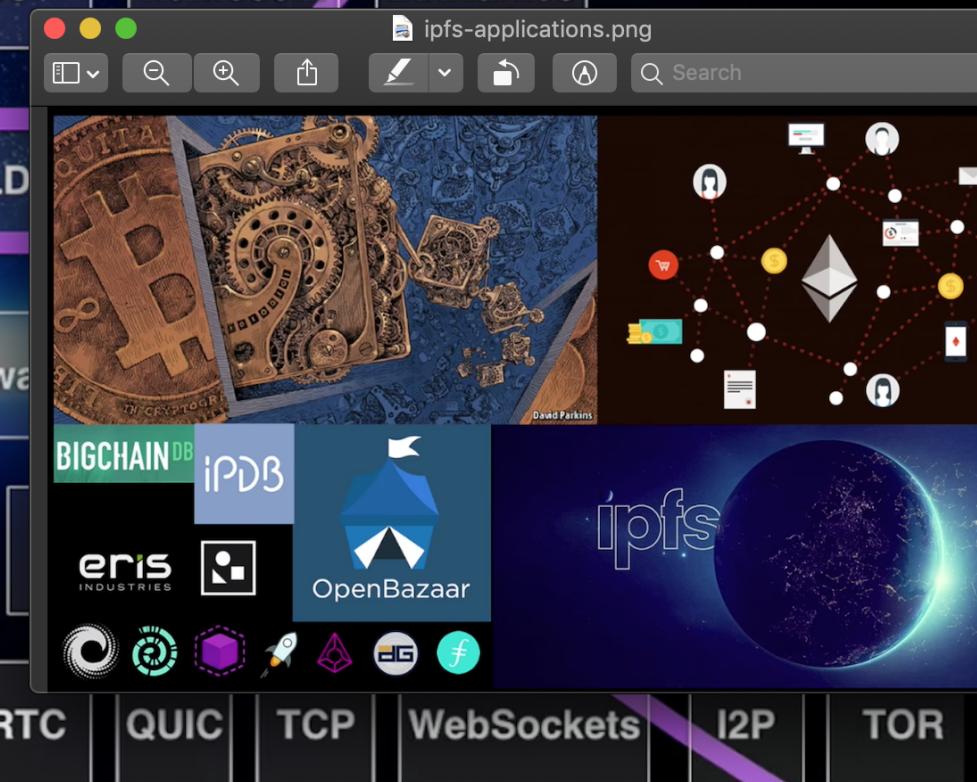
QUIC

TCP

WebSockets

I2P

TOR



There is a Place for Everyone to Mine on the Filecoin Network

- Rural & urban
- Storage & retrieval
- Small & large
- Underutilized assets & new builds
- Existing crypto miners & newcomers
- Cloud storage companies
- Big data companies
- Data warehouses
- Individuals with spare storage
- NAS owners
- ISPs



There is a Place for Everyone to Mine on the

Edening

The Distributed Web of People Universe

S1 - Edening meets FileCoin

- *E0 - FileCoin on Fire* : FileCoin Fireworks - Distributed FileCoin Media
- *E1 - Digital Nomads Emerging* : Digitalife
- *E2 - Virtual Reality Rising* : Distributed Holographic Oculus
- *E3 - Fashion* : FileCoinIPFS
- *E4 - Faith* : Distributed
- *E5 - Fantasy* : Edening
- *E6 - iMemex* : InterPlanetary Personal Web
- *E7 - iFlora* : Beauty and Coins
- *E8 - Global Distributed Villages* : Coliving Contract
- *E9 - Edening meets FileCoin* : Filming: Film Mining FileCoin

IPFS Project Roadmap v0.5.1

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- IPFS Mission Statement
- 2019 Priorities
- 2019 Working Groups Roadmaps
- 2019 IPLD & libp2p Roadmaps
- 2019 Epics
- 2019 Goal (expanded)
 - Package Managers
- 2020+ Goals
 - Large Files
 - Decentralized Web
 - Encrypted Web
 - Distributed Web
 - Personal Web
 - Sneaker Web
 - Interplanetary Web - Mars 2024
 - Packet Switched Web
 - Data Web
 - Package Switched Web
 - Self-Archiving Web
 - Versioning Datasets
 - Interplanetary DevOps
 - The World's Knowledge becomes accessible through the DWeb
 - WebOS