



# archon

## **File systems for the Future**

For those who value decentralization, data storage is a real concern as projects are forced to choose between the speed and reliability of centralized solutions like AWS or the data ownership and censorship resistance of something decentralized like IPFS.

Archon solved this by creating a solution that retains the scalability, speed, and low cost of a centralized solution with the Byzantine fault tolerance and security of a decentralized system. This is achieved using a recent breakthrough in an algorithm that improves upon mathematical theories introduced in the 1950's. This breakthrough increases data shardability of the old mathematical models by several orders of magnitude - from about 200 shards to the scale of 16 million shards (we've proven 1,000,000 shards, but we expect to push 16 million), which enables a truly decentralized and scalable system while retaining the speed that end users take for granted in centralized solutions.

Archon is a fundamentally different solution to the likes of layer 6-7 solutions (like AWS and IPFS), and is an upgrade to layers 4-7 (starting at layer 4 data protocols the likes of TCP, as well as layer 7 protocols such as HTTP and FTP). This allows us to offer the best of both worlds, centralized and decentralized; the reliability, network security, cost, speed and scale, while also additionally introducing censorship resistance, data autonomy, and data privacy.

### **About the Team**

Kevin Truong is the CEO and CTO of Archon, as well as the innovator of Archon's core technology. He was the founding engineer at Diffbot, a big-data company focused on crawling and reorganizing the entire internet where he built architecture for internet-scale systems.. He holds a computer science degree from Stanford University. ([www.linkedin.com/in/kevin-truong-173a7a17/](http://www.linkedin.com/in/kevin-truong-173a7a17/))

Eric Wang is the COO of Archon, as well research lead. Eric currently works at Cipher Epoch, a cryptocurrency-focused fund based in Shanghai. He holds a masters in chemistry from Stanford, and has interrupted his PhD studies to pursue his passion in blockchain with Archon. ([www.linkedin.com/in/eric-wang-9a09a3117/](http://www.linkedin.com/in/eric-wang-9a09a3117/))

Samuel Suh is the CMO and legal coordinator for Archon. Sam has led English marketing efforts for Bodhi, a blockchain-based decentralized prediction market. He has been admitted to the New York State Bar, and also holds a bachelor's degree in business management and marketing from Northeastern University. ([www.linkedin.com/in/samuelsuh/](http://www.linkedin.com/in/samuelsuh/))