

Hey! Since I've received some requests for project ideas, I figured I might as well put up a list in public. Here are some ideas that may be fun to try:

Baselayer

:

- Figure out some way to ZK-prove the Celestia L1 state machine
- Create a mobile app for the light node + wallet
- Create an interactive data visualizer for Celestia or a rollup

Sovereign Rollups

:

- Create a Liquity-style stablecoin (or any other DeFi primitive), with off-chain governance, as a sovereign rollup
- Based rollup with a built-in oracle
- Make a rollup with a user-facing app (payments, defi, game, NFT) using Cosmos-SDK (Golang)
- Create your own rollup chain using a custom state machine, with TowerABCI (Rust)
- Become an early adopter of Sovereign-SDK, use it to make a chain!
- Create a ZK-provable state machine using TowerABCI, Rust, and either SP1 or RiscZero
- Create a based (zk?) rollup from this spec [Leaderless Sovereign Roll-Up](#)
- Wrap the Solana Virtual Machine in ABCI
- Make a frankenstein EVM with shards, parallelism, or other funky features
- Make any kind of weird new state machine

L2 integrations

- Use the SVM Groth16 verifier from Light Protocol or OtterCash to launch BlobstreamX on Solana
- Fork bitcoin and add a ZK_VERIFY opcode, to demonstrate what's possible