



GITCOIN

| Passport

Score

What is Gitcoin Passport?

- Gitcoin Passport is an identity protocol that proves your trustworthiness without needing to collect personally identifiable information.
- By collecting “stamps” of validation for your identity your improving your reputation and score across the web3.
- Gitcoin Passport is great to implement on Dapp level (off-chain)

Gitcoin Passport Score (GPS)

- Gitcoin Passport Scorer allows people to mint their score as NFT
- Allows them to use their Sybil-resistance score on chain
- Created a public leaderboard to compare scores

Gitcoin Passport Score (GPS)

- Built using Next.js - Next.js + Ethereum starter kit
- NFTs using OpenZeppelin's ERC721 contracts
- My back-end signs the Gitcoin Score using the contract owner's address
- The signature is recovered on-chain to verify the scores
- The project includes a Subgraph to index and provided basic statistics
- NFTs are deployed on Optimism with well over **+10K NFTs minted**

Bitcoin Passport Score (GPS)

- Demo <https://passport-score-nft.vercel.app/>
- Repository <https://github.com/wslyvh/nexth/tree/passport-signature-recovery>
- Wesley @wslyvh <https://twitter.com/wslyvh>