Use cases

On-chain AI enables building powerful products that combine the security of blockchains with the intelligence of state-of-the-art AI models.

In addition to three fully functional example AI dApps built, we listed more ideas for what Galadriel enables below on this page.

Please note you needtestnet tokens to be able to interact with the dApps.

On-chain ChatGPT

This dApp looks familiar to most people and allows chatting to an AI model on-chain, and the conversation is stored on-chain as well.

- Live demo
- Front-end repo
- Solidity contract
- Example script that calls the contract
- Deployed contract address:0x79466c37e35d4592a1dEb35faf17732ea2889D06

VitAllik game

This dApp pitches the user in a fight against a powerful on-chain crypto-AI creature in a simple text-based game, and visualizes the battle with images.

- Live demo
- Front-end repo
- Solidity contract
- Deployed contract address:0x9CC0b34c727f60b80dBB8550B7D53Fb21497596B

Generative AI NFT minter

This dApp combines the developer's prompt with the user input to make an NFT where the user has control over the final input, yet the NFT is recognizably part of the collection.

Currently there is no front-end example for this; you have to directly interact with the contract to test it.

- Solidity contract
- Deployed contract address:0x9FA41Fcde39DaE56b0ABc211C5C5cF0D356459E8

More ideas

- Fast and low-cost oracle that brings off-chain data on-chain by using AI to source and verify the data.
- Investment agents that allocate a DAO's money based on the predictions of an LLM.
- On-chain content moderation that uses AI to filter out content that doesn't follow the platform's rules.
- Prediction market bots that use AI and web access to trade on prediction markets, especially ones too niche for most humans to do so.
- Evaluating work done on an on-chain freelancer marketplace.

Whatever you are building with Galadriel, we'd love to hear — please reach out and share what you're working on!