



KICKSTARTER

Zombie: Battleground - Our Kickstarter is in progress! Support us!

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Learn to Code Ethereum DApps By Building Your Own Game

CryptoZombies is an interactive code school that teaches you to write smart contracts in Solidity through building your own crypto-collectables game.

[Get Started, It's Free](#)

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CRYPTOZOMBIES



OPEN CHAT

What is CryptoZombies?

CryptoZombies is a free, interactive code school that teaches you to build games on Ethereum.

The course is designed for beginners to Solidity and starts off with the absolute basics. So if you've never coded with Solidity before, don't worry — we'll walk you through step by step.

The screenshot shows a web-based coding environment for Solidity. At the top, there's a navigation bar with the CryptoZombies logo and an 'Autosave Enabled' button. Below the header, the title 'Chapter 5: Structs' is displayed. A text block explains that sometimes you need more complex data types and introduces the concept of structs. It shows a code snippet for a 'Person' struct:

```
1 pragma solidity ^0.4.19;
2
3 contract ZombieFactory {
4
5     uint dnaDigits = 16;
6     uint dnaModulus = 10 ** dnaDigits;
7
8     // start here
9
10 }
11
```

Below the code, it says that structs allow you to create more complicated data types with multiple properties. A note states: "Note that we just introduced a new type, `string`. Strings are used for arbitrary-length UTF-8 data. Ex. `string greeting = "Hello world!"`".

A section titled 'Put it to the test' asks the user to create a `Zombie` struct with `name` and `dna` properties. The Hints panel is currently empty. At the bottom, there are buttons for 'Check Answer' and 'OPEN CHAT'.

Interactive Coding Lessons

In-browser step-by-step lessons take you from the very basics of Solidity to creating your own functional blockchain-based game. Even by the end of Lesson 1 (which can be completed in under 1 hour), you'll have created a game that you can play on the Ethereum blockchain.



you'll know enough to officially call yourself a Solidity developer!



Head Gene: 3

Eye Gene: 7

Shirt Gene: 4

Skin Color Gene: 53

Eye Color Gene: 215

Clothes Color Gene: 17

Build a Zombie Army

In Lesson 1, you will build a Zombie Factory to build your army. Every Zombie you create will have randomly generated DNA and have his own unique appearance. Further lessons (1 released each week) will add more functionality to your game, like the ability to battle other people's zombies!



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Earn crypto-collectible Zombies and bonuses by completing coding lessons.

After completing all lessons and deploying your DApp, pit your zombie army against other players' zombies in one of the world's first blockchain-based games! Half code-school, half MMO crypto-collectible strategy game.

What are you waiting for? Click the button below to dive into lesson 1 and build your first



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Get Started Now

Who Made CryptoZombies and Why Is It Free?

Loom Network. We're building a platform for running large-scale applications on Ethereum sidechains.

We think blockchains are capable of a lot more than just payments, and we want to get more developers thinking outside the box and trying to build large-scale DApps. Games are one of the areas where we think blockchain will really revolutionize things. So we built CryptoZombies to help educate and inspire the next generation of blockchain game devs.

Aside from CryptoZombies, we're working on some really cool projects. If you'd like to follow us, get in touch for a project, or just say hi, you can find us on [Twitter](#) and our [Telegram chat](#), or email us at team@loomx.io



Loom Medium Email CryptoZombies.io is a free teaching platform to
Network Angel.co Twitter teach existing developers or complete
EthFiddle Telegram newcomers the ins and out of programming for
EthDeploy the Blockchain. Powered by Loom Network - a
CryptoZombies platform for building commerical scale apps on
SolidityX Ethereum.

What is
Blockchain

Loom SDK

Delegatecall



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