Claims

What is claimed is:

1. A system, comprising:

a computing instance programmed to:

host a large language model (LLM) trained to (i) read a bytecode capable of being executed on a distributed ledger, (ii) determine whether the bytecode enables a smart contract on the distributed ledger, and (iii) take a first action based on the bytecode being determined to enable the smart contract and a second action based on the bytecode being determined to not enable the smart contract, wherein the bytecode enables the smart contract by expressing (1) an offeror identifier associated with an offeror network address on the distributed ledger, (2) an offeree identifier associated with an offeree network address on the distributed ledger, (3) an offer expression associated with the offeror identifier, (4) an acceptance expression associated with the offeree identifier, and (5) a consideration expression associated with the offeror identifier and the offeree identifier, wherein the first action includes (a) identifying the offer expression, the acceptance expression, and the consideration expression, (b) generating a human-readable content describing the offer expression, the acceptance expression, and the consideration expression, and (c) outputting the human-readable content for consumption on a computing terminal, wherein the second action includes outputting a notice for consumption on the computing terminal, wherein the notice indicates the bytecode being determined to not enable the smart contract; and

host a logic programmed to (i) receive the offeror network address from the computing terminal and the offeree network address from the computing terminal, (ii) locate the bytecode on the distributed ledger based on the offeror network address and the offeree network address, (iii) form a copy of the bytecode, and (iv) prompt the LLM with the copy such that the LLM (a) determines whether the copy enables the smart contract and (b) takes the first action based on the copy being determined to enable the smart contract and the second action based on the copy being determined to not enable the smart contract.

2. The system of claim 1, wherein the human-readable content includes an unstructured text describing the offer expression, the acceptance expression, and the consideration expression.

3. The system of claim 1, wherein the human-readable content includes an image describing the offer expression, the acceptance expression, and the consideration expression.

4. The system of claim 1, wherein the human-readable content includes a sound describing the offer expression, the acceptance expression, and the consideration expression.

5. The system of claim 1, wherein the first action includes identifying a potential defense statement to the offer expression, the acceptance expression, or the consideration expression, generating the human-readable content including the potential defense statement, and outputting the human-readable content including the potential defense statement for consumption on the computing terminal.

6. The system of claim 5, wherein the bytecode includes a jurisdictional identifier associated with the offer expression, the acceptance expression, and the consideration expression, wherein the first action includes identifying the jurisdictional identifier, determining whether the potential defense statement is applicable to the jurisdictional identifier, and taking a third action based on the potential defense statement being determined to be applicable to the jurisdictional identifier and a fourth action based on the potential defense statement being determined to not be applicable to the jurisdictional identifier.

7. The system of claim 6, wherein the third action includes generating the human-readable content including the potential defense statement and outputting the human-readable content including the potential defense statement for consumption on the computing terminal.

8. The system of claim 6, wherein the fourth action includes outputting an alert indicating the potential defense statement being determined to not be applicable to the jurisdictional identifier for consumption on the computing terminal.

9. The system of claim 6, wherein the LLM is prompted from the computing terminal at a location, wherein the computing instance is programmed to determine the location such that the third action or the fourth action involves determining whether the location is covered by the jurisdictional identifier and outputting a first message based the location being determined to be covered by the jurisdictional identifier for consumption on the computing terminal and a second message based the location being determined to not be covered by the jurisdictional identifier for consumption on the computing terminal.

10. The system of claim 1, wherein the first action includes determining whether the offeror identifier, the offeror network address, the offeree identifier, the offeree network address, the offer expression, the acceptance expression, or the consideration expression include or relate to an entity identifier listed in a list and outputting a message indicating the entity identifier being listed in the list for consumption on the computing terminal.

11. The system of claim 1, wherein the first action includes determining whether the offeror identifier, the offeror network address, the offeree identifier, the offeree network address, the offer expression, the acceptance expression, or the consideration expression include or relate to an entity identifier not listed in a list and outputting a message indicating the entity identifier not being listed in the list for consumption on the computing terminal.

12. The system of claim 1, wherein the distributed ledger includes a distributed virtual machine which the logic accesses to locate the bytecode on the distributed ledger based on the offeror network address and the offeree network address.

13. The system of claim 1, wherein the logic is user interactable from the computing terminal.

14. The system of claim 1, wherein the LLM and the logic are separate and distinct from each other.

15. The system of claim 1, wherein the LLM is trained to (i) read the bytecode capable of being executed on the distributed ledger, (ii) determine whether the bytecode enables the smart contract on the distributed ledger, and (iii) take the first action based on the bytecode being determined to enable the smart contract and the second action based on the bytecode being determined to not enable the smart contract, via a supervised learning technique.

16. The system of claim 1, wherein the LLM is trained to (i) read the bytecode capable of being executed on the distributed ledger, (ii) determine whether the bytecode enables the smart contract on the distributed ledger, and (iii) take the first action based on the bytecode being determined to enable the smart contract and the second action based on the bytecode being determined to not enable the smart contract, via a non-supervised learning technique.

17. The system of claim 1, wherein the computing instance is a physical server.

18. The system of claim 1, wherein the computing instance is a set of physical servers.

19. The system of claim 18, wherein the set of physical servers is a server farm.

20. The system of claim 1, wherein the computing instance is configured to operate scalably and fault-tolerantly.

21. A method, comprising:

hosting, by a computing instance, a large language model (LLM) trained to (i) read a bytecode capable of being executed on a distributed ledger, (ii) determine whether the bytecode enables a smart contract on the distributed ledger, and (iii) take a first action

based on the bytecode being determined to enable the smart contract and a second action based on the bytecode being determined to not enable the smart contract, wherein the bytecode enables the smart contract by expressing (1) an offeror identifier associated with an offeror network address on the distributed ledger, (2) an offeree identifier associated with an offeree network address on the distributed ledger, (3) an offer expression associated with the offeror identifier, (4) an acceptance expression associated with the offeree identifier, and (5) a consideration expression associated with the offeror identifier and the offeree identifier, wherein the first action includes (a) identifying the offer expression, the acceptance expression, and the consideration expression, (b) generating a human-readable content describing the offer expression, the acceptance expression, and the consideration expression, and (c) outputting the human-readable content on a computing terminal, wherein the second action includes outputting a notice on the computing terminal, wherein the notice indicates the bytecode being determined to not enable the smart contract; and

hosting, by the computing instance, a logic programmed to (i) receive the offeror network address from the computing terminal and the offeree network address from the computing terminal, (ii) locate the bytecode on the distributed ledger based on the offeror network address and the offeree network address, (iii) form a copy of the bytecode, and (iv) prompt the LLM with the copy such that the LLM (a) determines whether the copy enables the smart contract and (b) takes the first action based on the copy being determined to enable the smart contract and the second action based on the copy being determined to not enable the smart contract.