

AITL_Proposal_v1.0

Proposal to OpenAI for Unified AI System using AITL-GPT

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This proposal introduces AITL-GPT, a unified AI framework co-developed with ChatGPT.

Based on the concept of All-in-Theory Logic (AITL), the model integrates control AI, physical AI, and self-repair AI into a single architecture.

Key Objectives:

- Provide a modular foundation for safe and explainable AI
- Enable applications in robotics, education, and system-level policy
- Contribute to OpenAI's mission of responsible AI advancement

Main Components:

- Control AI: Manages inference, state transitions, and feedback systems
- Physical AI: Embeds physical laws, PDEs, and sensor integration
- Self-repair AI: Automatically identifies inference errors and regenerates reasoning paths

Deployment:

- Implemented in SoC configurations (3nm AI + 0.18 μ m analog + FeRAM/DRAM)
- Integrated with SystemDK/PoCDK for educational use
- Robotics support through Sky-HyEV models

This document accompanies:

- AITL_Model_v1.0.md (Model Structure)
- Proposal_to_OpenAI.md (Markdown version)
- GitHub: <https://github.com/Samizo-AITL/AITL-GPT>

We respectfully submit this proposal for review and collaboration with the OpenAI research community.