



Dobby B

@dobby-aidev

Founder & AI Systems Architect at
Dona Codex

OFFICIAL NODES

PORTFOLIO
dobby-aidev.github.io

GITHUB
github.com/dobby-aidev

LINKEDIN
in/dobbyb-aidev

X / TWITTER
@dobbyb_ai

WHOP AI STORE
whop.com/dona-ai

PLATFORMS
agentcritiq.com

LIVE GAME
aicoinempire.workers.dev

TECH MATRIX

AI & Neural Systems

Custom LLMs Transformer PyTorch

MCP Server Active Inference

Spiking LIF CrewAI Swarms

HuggingFace

Quant & DRL Trading

Actor-Critic DRL Binance Futures

L5 Orderbook CVD / Open Interest

Spot Grid (ATR) TA-Lib & CCXT

Full-Stack & 3D WebGL

Three.js / R3F React 18 / Next.js

TypeScript Python 3.11+

Cloudflare Workers FastAPI

Firebase Firestore Socket.IO

TELEMETRY & BENCHMARKS

ApexBrain DRL (Gen 510) +74.24% ROI

Win Rate (9d Real Exec) 53.95%

Agent Critiq Benchmark 100+ Tools Tested

Dona Nova 3D Globe 35K+ Power Plants

AI Systems Architect & Quantitative Developer with deep expertise in architecting autonomous AI multi-agent swarms, training proprietary financial Transformer LLMs, engineering PyTorch Deep Reinforcement Learning (Actor-Critic) quant trading bots, and deploying high-performance 3D WebGL geospatial platforms.

LEADERSHIP & ENGINEERING

// 2021 – PRESENT

Founder & Lead AI Systems Architect — Dona Codex

2021 – PRESENT

Directing end-to-end research and deployment of multi-agent cognitive swarms, proprietary financial Transformer models, high-frequency futures trading bots, and open-source MCP benchmarking platforms.

SIGNATURE SYSTEMS & DEPLOYMENTS

// 12+ PRODUCTION REPOSITORIES

Dona Codex: Vision

PID-4201

PROPRIETARY FINANCIAL LLM // 2026

Custom Transformer language model fine-tuned on crypto L5 orderbook microstructure, live X financial feeds, and US Treasury yield curves for directional alpha generation.

PyTorch Transformer FastAPI WebSockets

ApexBrain Nexus

PID-4204

ACTOR-CRITIC DRL // +74.24% ROI // GEN 510

510th-generation deep reinforcement learning quant agent on Binance Futures trained with CVD, OI, and funding telemetry. Verifiable live trade history CSV open-sourced.

PyTorch DRL Binance Futures Actor-Critic

Agent Critiq Platform

PID-4202

LIVE DIRECTORY // MCP SERVER // HUGGINGFACE

Global benchmark indexing 100+ autonomous agents with automated telemetry scoring, native Model Context Protocol (MCP) server, and open HuggingFace dataset.

TypeScript React MCP Protocol HuggingFace

Dona Nova 3D WebGL

PID-4211

35K+ POWER PLANTS // GEOSPATIAL R3F

Planetary geospatial 3D intelligence platform rendering 35,000+ power plants, real-time carbon telemetry, and submarine fiber optics on an interactive WebGL sphere.

Next.js 16 Three.js / R3F Cloudflare Workers

Dona Æon

PID-4212

SPIKING LIF // FREE ENERGY PRINCIPLE

Embodied digital organism running on Karl Friston's Free Energy Principle and a 512-neuron LIF spiking neocortex with infinite context and REM sleep consolidation.

Spiking Neural Active Inference Python 3.11

Dona Codex: Overmind

PID-4203

MULTI-AGENT COMPANY SWARM

Autonomous AI agent nodes (CEO, Researcher, Engineer, Analyst) operating in a persistent decentralized game loop with Socket.IO telemetry and Firebase state.

React Node.js Socket.IO Firebase

Dona Quantum

PID-4209

CREWAI MULTI-AGENT QUANT ENGINE

Consensus-driven trading system orchestrating 4 AI agents (Scanner, Technical Analyst, Sentiment Model, Risk Manager) to evaluate leveraged setups.

CrewAI Gemini API GPT-4 CCXT

Dona Grid Bot

PID-4208

DYNAMIC ATR VOLATILITY SPOT ENGINE

Automated high-frequency spot market making bot featuring dynamic ATR recentering and RSI anti-toxicity filters for 24/7 spread extraction.

Python Binance API TA-Lib NumPy