

JOSIMAR LEE

Toronto, ON (Open to Remote / Relocation) | contact@phnix.dev | +1 437 849 7024 phnix.dev | github.com/Null-Phnix | gitlab.com/null.phnix

AI ENGINEER — AUTONOMOUS AGENTS, LLM INFRASTRUCTURE & MULTI-AGENT SYSTEMS

Self-taught AI engineer building production-grade autonomous agent systems, multi-agent networks, and LLM tooling. Every project ships with real test coverage and runs under real adversarial conditions. I build with Claude Code daily — MCP servers, agent orchestration, emotional AI architecture, and infrastructure that coordinates multiple AI agents across machines.

SKILLS

AI / LLM: Claude/Anthropic API, OpenAI API, RAG pipelines, LlamaIndex, ChromaDB, ReAct agent loops, autonomous agents, MCP server development (FastMCP), multi-agent orchestration, fine-tuning (distillation), prompt engineering, emotional state modeling **Languages:** Python, Go, TypeScript, SQL **Infrastructure:** FastAPI, SQLite, Playwright (stealth), Bun, REST APIs, Git, Linux (Arch, Zen kernel), systemd, Tailscale

PROJECTS

Blackreach — Autonomous Web Research Agent [Python](#) · [Playwright](#) · [LLM](#) · [ReAct](#) · [FastAPI](#) · [MCP](#) | github.com/Null-Phnix/Blackreach

- Autonomous browser agent with ReAct reasoning loop that completes research tasks on real sites under adversarial conditions
- Custom DOM semantic walker compresses 200k token pages to 2k structured observations for LLM reasoning
- Stealth Playwright layer patches webdriver flags, canvas fingerprints, CDP artifacts before any page load
- 2,904 test assertions covering real failure modes. Cross-session SQLite memory, stuck detection, strategy switching
- MCP server via HTTP bridge — callable as a Claude Code tool. MIT licensed, pip installable

Claude-Peers v2 — Multi-Agent Communication Network [TypeScript](#) · [Bun](#) · [SQLite](#) · [FTS5](#) · [MCP](#)

- 18-tool MCP system enabling real-time communication between multiple Claude Code instances across machines
- Shared memory with FTS5 full-text search, broadcast channels, task delegation, presence tracking
- Cross-machine support via Tailscale with Bearer token auth — 6 agents across 2 machines in production
- Built the entire v2 upgrade (6 phases, 26 broker endpoints) in a single session

Project Anima — Emotional Architecture for AI Agents [Python](#) · [SQLite](#) · [Neuroscience-grounded](#)

- 6-phase emotional processing pipeline: PAD dimensions, Panksepp drive systems, somatic markers, emotion regulation, mirror neuron contagion, Barrett emotional granularity
- Persistent deep reflection daemon — AI agent thinks between conversations on a timer, generates behavioral directives

- Enriched context tracking: user emotion analysis, causality chains, significance scoring per exchange
- Integrates with claude-peers to broadcast emotional state across the agent network

Library of Alexandria — AI Research Corpus & RAG Pipeline Python · LlamaIndex · ChromaDB · RAG

- 1.3M file cross-cultural mythology and history corpus with full RAG pipeline
- Automated ingestion with Ghost Hand (autonomous browser agent) for ongoing expansion
- Built as fine-tuning substrate for local LLM distillation (Project Omni)

8 Custom MCP Servers — Tool Infrastructure for Claude Code Python · TypeScript · FastMCP

- YouTube intelligence (7 tools: transcripts, Whisper fallback, frame extraction, search, comments)
- DevMail (7 tools: IMAP read/search + SMTP send/reply for Hostinger)
- Grayson (job outreach pipeline: lead discovery, email verification, scoring, drafting, sending, tracking)
- Audio analysis (19 tools: CLAP, Demucs, Whisper, librosa), Goldmine (crypto signals), and more

EXPERIENCE

Key Holder / Senior Associate | Cannabis Hut, Toronto | Dec 2024 – Present Independent overnight operations, financial auditing, regulatory compliance (AGCO)

EDUCATION

Ontario Secondary School Diploma (OSSD) | S.O.L.E., Toronto