# FELMON FEKADU

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**AI / LLM ENGINEERING INTERN CANDIDATE**

## Education

**University of the People**                                                                 Expected 2026
*B.S. Computer Science (In Progress)*                                                                *Online*
  - Honors: UoPeople Honors List, Term 2 (2025-2026), CGPA 3.00-3.49.

**InceptionU**                                                                                       2023
*Full Stack Web Development Certificate (MERN)*                                              *Calgary, AB*

## Summary

Computer Science student (B.S., expected 2026) building practical AI products with Gemini API, Anthropic SDK, LangGraph workflows, and full-stack TypeScript/Python systems. Built and shipped AI-assisted user experiences, streaming research pipelines, and test-backed open-source contributions in the LLM tooling ecosystem.

## Technical Skills

AI/LLM: Google Gemini API, Anthropic SDK, LangGraph, prompt engineering, RAG workflows

Languages: TypeScript, Python, JavaScript, SQL, Rust

Frameworks: Next.js, React, FastAPI, Express, Socket.io

Infra/Tools: PostgreSQL, Supabase, Docker, GitHub Actions, Vercel, Git

## Experience

**Open-Source Contributor (LLM + AI Tooling) | Remote**                               2026 - Present
  - Shipped merged changes to LangChain.js validation logic and tests for safer model/tool usage patterns.
  - Contributed to OSS developer tooling and reliability improvements across ComfyUI, Screenpipe, and Minecraft Web Client.

## Projects

**First Principles AI Research System (MVP) | Next.js, FastAPI, Docker, LangGraph**              2025
  - Built a multi-agent research scaffold with SSE streaming for step-by-step reasoning output.
  - Exposed APIs for session orchestration, claim/source retrieval, and local credibility checks.

**Jungian Typology Assessment | React, TypeScript, Express, Supabase, Gemini**            2025 - 2026
  - Integrated AI-generated analysis into a full-stack assessment platform with authentication and paid tiers.
  - Delivered CI/testing workflows and production deployment pipelines.

**agent-collab | Python**                                                                        2026
  - Built a lightweight inter-agent collaboration protocol with task lifecycle, progress tracking, shared context, and conflict resolution.

## Proof of Work (Merged Upstream)

  - LangChain.js: https://github.com/langchain-ai/langchainjs/commit/ac1562d
  - ComfyUI Frontend: https://github.com/Comfy-Org/ComfyUI_frontend/commit/ad9727ae4
  - Screenpipe: https://github.com/mediar-ai/screenpipe/commit/72629509
  - Minecraft Web Client: https://github.com/zardoy/minecraft-web-client/commit/96ce484a