

LIAM MOORE

APPLIED AI ENGINEER

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SUMMARY

Applied AI engineer on the Applied Research team at Stability AI. I take AI capabilities from research question to shipped system: capability research across generative model families, post-training experiments from SFT to GRPO and RLHF, model evaluation, and production pipelines. Creative technology background, which is why the systems I build get adopted.

- Trained and delivered 10+ client models and built 8+ production pipelines and internal tools at Stability AI
- Shipped trained models, internal AI tools, and client workflows at three organizations in under two years
- Bronze Lion, Cannes Lions 2025, for AI-driven campaign work at Saatchi & Saatchi

EXPERIENCE

Creative Technologist, Applied Research · Stability AI

Jan 2026 - Present · Toronto (Remote)

- Run capability research on new model releases (diffusion, pixel-space, LLM, VLM): design post-training experiments (SFT, full fine-tuning, GRPO, RLHF with human-in-the-loop), build held-out evaluations, and deliver go/no-go conclusions that decide what moves to production
- Trained and delivered 10+ models for client engagements, covering dataset preparation, custom training scripts and adapters, training runs on GPU clusters, and handoff into production
- Built 8+ production pipelines and internal tools used by research and client-facing teams
- Built an agentic RAG system for research discovery: ChromaDB vector retrieval over a SQLite knowledge base, FastAPI REST API and MCP server, LLM-as-judge evaluation of groundedness and citation accuracy, self-hosted Qwen inference on vLLM

Creative Technologist (Contract) · Vidsy

Oct 2025 - Dec 2025 · Remote

- Built and shipped 6 AI-driven internal tools for the creative team in rapid prototyping sprint cycles; tools validated by the team were handed to Engineering for full production build-out
- Deployed and configured n8n workflow automations supporting day-to-day creative production

Creative Technologist · Saatchi & Saatchi

Nov 2024 - Oct 2025 · Toronto

- Designed AI-driven workflows and solutions for client projects across 10+ brands
- Bridged creative and engineering teams to realize project concepts; advised leadership on AI adoption and pipeline integration
- Contributed to an AI-driven campaign awarded a Bronze Lion at Cannes 2025

Digital Designer (Internship) · Saatchi & Saatchi

Apr 2024 - Nov 2024 · Toronto

- Updated client mobile and desktop designs in Figma and delivered assets for development integration; worked with senior leadership to implement AI technologies within company pipelines

Fundraising Coordinator · Liam's Light

2010 - 2019 · Toronto

- Raised \$680K for clinical transplant research at The Hospital for Sick Children through annual fundraising events and donor outreach

SKILLS

AI / ML

Machine learning · Generative AI · Model training and post-training (SFT, full fine-tuning, LoRA, GRPO, RLHF) · Model evaluation (LLM-as-judge) · Retrieval-augmented generation (RAG) · Vector databases (ChromaDB) · Multi-agent orchestration · Applied research · Diffusion models · Large language models (LLM) · Vision-language models (VLM) · Image, video, and audio generation · AI Toolkit · Kohya_ss · ComfyUI · vLLM · Ollama

Development

Python · PyTorch · FastAPI · SQL (SQLite) · MCP servers · Git · pytest · AI-assisted development (Claude Code) · Rapid prototyping · n8n workflow orchestration

Creative

Adobe Creative Suite · Blender · Figma

EDUCATION

Certificate, UX/UI Design

University of Toronto · 2023

BA, East Asian Studies (Minor in Music)

Western University · 2019 - 2023

AWARDS

Bronze Lion, Cannes Lions

AI-driven campaign, Saatchi & Saatchi · 2025

ARCT Piano Certification

The Royal Conservatory of Music · 2018