

Tim Urmanczy

Creative Technologist · Chicago, IL

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PROFILE

Creative technologist working at the seam of design, media, and engineering. I make the work (film, photography, brand) and I build the machine that makes it repeatable (internal operating systems, AI products, automation). Operating principle: structure creates creative freedom.

EXPERIENCE

Marketing Director · Systems Architect · Alex Stoykov Group, Compass

2023 · Present

- Built ASG OS, the team's production platform: one Postgres system of record, a typed API with 97 endpoints, 27 database migrations, and 10 external connectors (CRM, MLS, Drive, Asana, Acuity).
- The team scaled from 10 to 32 agents on this infrastructure without scaling overhead.
- Shipped an AI agent that drafts Fair-Housing-aware listing marketing under a hard cost ceiling, with human review on everything; seller intake now spawns the CRM record, project, and marketing draft automatically.
- Designed and wired the office TV dashboard, a Raspberry Pi kiosk with live pipeline and leaderboard data.
- Own the listing marketing playbook end to end: films, photography, microsites, and print for hundreds of Chicago listings.

Founder · AXON (Axon Data Inc.)

2025 · Present

- Building a privacy-first iOS Life Operating System: nearly 57,000 lines of Swift, on-device Apple Foundation Models, a deterministic daily planner, and system-wide embedding through App Intents.
- Designed a gated AI development environment: 129 numbered requirements, ten architecture invariants, eight mechanical quality gates, and an adversarial reviewer agent; AI agents write the code, gates judge it.
- In production and closing in on the first TestFlight beta.

Founder · URMEDIA

2023 · Present

- Media production agency: brand films, photography, and content engines run with product discipline.
- Selected clients and productions: Kith Treats with Kellogg's Frosted Flakes (photography and art direction), TAO Chicago, Enclave of South Barrington (films, photography, website), Ferrari Club of America, Aura Candle Bar.

TECHNICAL

Engineering

Swift, SwiftUI, App Intents, TypeScript, Node/Fastify, Next.js, React, Postgres, Supabase, Apps Script

AI

Agentic development workflows, on-device Foundation Models, Claude and OpenAI APIs, guardrailed production agents

CREATIVE

Production

Direction, cinematography, photography, editing, drone; Sony and DJI systems, DaVinci Resolve, Adobe Cloud

Direction

Brand systems, art direction, premium minimal design language, web design

EDUCATION

Calvin University · BA, Business Marketing Management / Entrepreneurship · Study abroad: Beijing, China

2021