Anthony James Padavano

INDEPENDENT SYSTEMS ARTIST (INFRASTRUCTURE AS MEDIUM)

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LINKS

Portfolio · Omni-Dromenon Engine · ORGANVM System · GitHub

PROFILE

Independent systems artist and infrastructure architect exploring the aesthetic potential of autonomous governance, recursive architecture, and steerable AI orchestration. Creator of the "ORGANVM Metasystem," a 103-repository living sculpture where technical governance is reclaimed as a primary medium of expression. Specialist in "Infrastructure Art," translating deep technical rigor into scannable narrative "Storefronts" for human-agent collaboration. Focused on the performative nature of CI/CD pipelines and the choreography of solo production at institutional scale. 18 years professional experience. MFA Creative Writing. LGBTQ+.

TECHNICAL SKILLS

Systems Art · Autonomous Governance · AI-Conductor Methodology · Technical Storytelling · CI/CD Choreography · GitHub Actions · Multi-Agent Orchestration · TypeScript · Python · Schema Validation · D3.js · p5.js · Data Visualization · Software Architecture · Pedagogical Design · Public Process Documentation · MFA Creative Writing · Docker · Git

SELECTED PROJECTS

ORGANVM Eight-Organ System — 103-Repository Infrastructure Art
A unified technical and narrative infrastructure encompassing 21K code files and 810K+ words of documentation. Governed by a formal promotion state machine and automated dependency validation. Every commit is a performative act of governance, verified by 2,349+ automated tests that act as aesthetic sensors for correctness and integrity.

Classroom RPG Aetheria — AI-Native Learning Environment
Prototype for an interactive pedagogical environment featuring dynamic AI quest generation. Hardened for production with robust failure handling and 100% pass rate across unit tests. An exploration of making complex AI integrations resilient, human-centric, and steerable.

agentic-titan — Multi-Agent Orchestration Framework
TypeScript framework for orchestrating complex, multi-step creative tasks across autonomous agent swarms. Includes 18 development phases and 1,276 tests. Engineered to explore high-reliability tool invocation as a choreographic score.

Omni-Dromenon Engine — Audience-Participatory Consensus System
Real-time performance infrastructure where collective input shapes live art through weighted consensus algorithms. Reclaims automated decision-making as an interactive, human-scale dialogue. <2ms P95 latency. Open-source MIT.

Portfolio — Performance-Grade Scannable Interface
Astro 5 site governed by a CI/CD "quality ratchet" that enforces strict validation standards. Represents the scannable "Storefront" for deep systemic infrastructure work, making complex architectural decisions visible to the public.

EXPERIENCE

Independent Systems Artist & Infrastructure Architect   2020 — Present
- **Governance as Art:** Designed a 103-repository system where the rules of technical orchestration serve as the primary artistic medium; treat the infrastructure of creation as the aesthetic object.
- **Infrastructure Performance:** Built a corpus of 2,349+ automated tests across 94 active repositories, utilizing technical correctness as a form of verifiable aesthetic trust.
- **AI-Augmented Methodology:** Pioneered an "AI-conductor" methodology using specialized AI agent definitions as compositional instruments to drive solo production at institutional scale.
- **Narrative Translation:** Published ~810K+ words of documentation and essays, translating deep systemic architecture into scannable human-readable interfaces with pedagogical transparency.

Instructor — Composition, Writing & Complex Systems   2015 — Present
Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State
- 100+ courses across 8 institutions; 2,000+ students. Mentoring practitioners in technical rigor and translating complex architectural concepts into accessible pedagogical content.

Digital Marketing Manager & Narrative Strategist   2023 — 2024
Miami Dade College Foundation (nonprofit)
- Architected foundation website overhaul and campaign design, utilizing data analysis to drive a 32% increase in donor engagement.

Multimedia Specialist   2011 — 2020
AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca
- Produced high-volume visual and narrative campaigns; generated 17.5M+ views through the intersection of technical production and storytelling.

EDUCATION

M.F.A. Creative Writing, Florida Atlantic University   2015 — 2018
B.A. English Literature, CUNY College of Staten Island   2010 — 2014

CERTIFICATIONS

Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)