

Anthony James Padavano

INDEPENDENT SYSTEMS ARTIST (SPECULATIVE PLURALITY)

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LINKS

[Portfolio](#) · [Omni-Dromenon Engine](#) · [ORGANVM System](#) · [GitHub](#)

PROFILE

Independent systems artist and infrastructure engineer exploring the aesthetic potential of speculative plurality, autonomous governance, and agentic swarms. Creator of the "ORGANVM Metasystem," a 103-repository living sculpture that explores the coexistence of human intent and artificial agency within a single governed architecture. Specialist in "Infrastructure Art," translating deep technical rigor into scannable narrative "Storefronts" for gatherings and collective making. Focused on the performative nature of CI/CD pipelines and the formal innovation of "solo production at institutional scale." 18 years professional experience. MFA Creative Writing. LGBTQ+.

TECHNICAL SKILLS

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

SELECTED PROJECTS

ORGANVM Eight-Organ System — 103-Repository Speculative Infrastructure

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 plurality, verified by 2,349+ automated tests acting as aesthetic sensors for collective correctness and human-agent collaboration.

Public Process — Storytelling as Infrastructure

42 published essays (~142K words) documenting the "AI-conductor" methodology in real-time. Explores the interface between human intent and agentic volume, treating the act of building institutional-scale infrastructure as a form of experimental writing and pluralistic storytelling.

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 the "togetherness" of diverse agentic voices within a single choreographic score.

Omni-Dromenon Engine — Audience-Participatory Consensus System

Real-time performance infrastructure where collective input shapes live art through three-axis weighted consensus algorithms. Reclaims automated decision-making as an interactive, pluralistic dialogue between 1,000+ concurrent participants. <2ms P95 latency.

Portfolio — Performance-Grade Scannable Interface

Astro 5 site with generative p5.js visual layers. 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 for public gatherings.

EXPERIENCE

Independent Systems Artist & Infrastructure Architect

2020 — Present

- Pluralistic Governance:** Designed a 103-repository system where governance serve as the primary artistic medium; published ~810K+ words documenting technical decision-making as a form of social and aesthetic trust.
- Agentic Togetherness:** Pioneered an "AI-conductor" methodology where human intelligence directs agent swarms, shifting the focus from solo production to the orchestration of multiple agentic voices.
- Infrastructure Metabolism:** Orchestrated 128 GitHub Actions workflows built on 18 reusable templates, representing the work's autonomous "metabolism" and its capacity for self-correction and play.
- Narrative Translation:** Translated deep systemic architecture into scannable human-readable interfaces, facilitating community engagement with complex, high-context data structures.

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 students in technical rigor and translating complex technical and artistic concepts into accessible pedagogical gatherings.

Multimedia Specialist & Digital Strategist

2011 — 2024

AJP Media Arts — clients incl. MDC Foundation, Boca Ballet Theatre

- 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)