

Anthony James Padavano

INDEPENDENT SYSTEMS ARTIST (INFRASTRUCTURE ART)

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LINKS

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

PROFILE

Independent systems artist and MFA researcher exploring the aesthetic potential of autonomous governance, recursive infrastructure, and agentic orchestration. Creator of the "ORGANVM Metasystem," a 103-repository living sculpture where technical architecture 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 formal innovation of "solo production at institutional scale." 18 years professional experience. MFA Creative Writing. LGBTQ+.

TECHNICAL SKILLS

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

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.

Public Process — Recursive Methodology Documentation

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 the primary artistic output.

agentic-titan — Multi-Agent Orchestration Framework

TypeScript framework for orchestrating complex, multi-step creative tasks across autonomous agents. Includes 18 development phases and 1,276 tests. Engineered to explore high-reliability tool invocation as a choreographic score for production.

Application Pipeline — Systems Analysis Tooling Suite

Python-based CLI suite for pipeline orchestration: 8-dimension scoring rubric and YAML-driven state machine. Automates intake, research, and synthesis tasks, translating deep technical evidence into scannable storefront materials for public engagement.

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 42 published technical essays documented as part of the public process.

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.
- **Agentic Composition:** Developed multi-agent frameworks using the Claude Agent SDK featuring structured tool invocation as a method for solo production at institutional scale.
- **Public Documentation:** 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. Translating complex technical and artistic concepts into accessible curricula and mentoring practitioners in systemic rigor.

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 community 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

C E R T I F I C A T I O N S Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)