

Anthony James Padavano

CREATIVE TECHNOLOGIST (AI ORCHESTRATION)

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LINKS	Portfolio · Omni-Dromenon Engine · ORGANVM System · GitHub	
PROFILE	Independent creative technologist and systems architect building production-grade AI orchestration frameworks and steerable creative infrastructure. Creator of the "ORGANVM Metasystem," a 103-repository autonomous ecosystem designed to explore the frontier of human-agent collaboration. Specialist in "AI-native" development environments where specialized agent definitions serve as compositional instruments. Focused on demonstrating how technical rigor—including automated governance and 2,349+ automated tests—can redefine AI as a transparent, steerable extension of human intent. Full-Stack Developer (Meta). 18 years professional experience. MFA Creative Writing. LGBTQ+.	
TECHNICAL SKILLS	AI Orchestration · Claude Agent SDK · Multi-Agent Coordination · Technical Storytelling · Software Architecture · CI/CD · GitHub Actions · TypeScript · Python · React 18 · Node.js · Zod · pytest · Vitest · YAML/JSON Schema · D3.js · p5.js · Creative Coding · Docker · Git	
SELECTED PROJECTS	ORGANVM Eight-Organ System — 103-Repository AI Orchestration Corpus 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. A live demonstration of "solo production at institutional scale" using 32 specialized AI agent definitions as a steerable creative team.	
	agentic-titan — Multi-Agent Orchestration & CLI Framework TypeScript framework for orchestrating complex, multi-step creative and engineering tasks across autonomous agent swarms. Includes 18 development phases and 1,276 tests. Engineered for high-reliability tool invocation and transparent task decomposition.	
	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.	
	Omni-Dromenon Engine — Audience-Participatory Performance System Real-time performance infrastructure where collective input shapes live art through weighted consensus algorithms. Reclaims automated decision-making as an interactive dialogue between human intent and machine volume. <2ms P95 latency.	
	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 42 published technical essays documenting the frontier of AI-augmented production.	
EXPERIENCE	Independent Creative Technologist & AI Systems Architect 2020 — Present <ul style="list-style-type: none">AI Steerability: Pioneered an "AI-conductor" methodology using 32 specialized AI agent definitions as compositional instruments; shifting the creative act from discrete production to systemic orchestration.Infrastructure Rigor: Built a corpus of 2,349+ automated tests across 94 active repositories, utilizing technical correctness as a method for ensuring model reliability and safety.Autonomous Governance: Designed a 103-repository system governed by automated validation and 94 CI/CD pipelines to sustain institutional-scale production as a solo practitioner.Technical Advocacy: Published ~810K+ words of documentation and essays, translating deep systemic architecture into scannable human-readable interfaces for AI-native workflows.	
	Instructor — Composition, Writing & Complex Systems 2015 — Present <i>Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State</i> <ul style="list-style-type: none">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 <i>Miami Dade College Foundation (nonprofit)</i> <ul style="list-style-type: none">Architected foundation website overhaul and campaign design, utilizing data analysis to drive a 32% increase in donor engagement.	
	Multimedia Specialist 2011 — 2020 <i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i> <ul style="list-style-type: none">Produced high-volume visual and narrative campaigns; generated 17.5M+ views through technical and creative production.	
	M.F.A. Creative Writing , Florida Atlantic University2015 — 2018 B.A. English Literature , CUNY College of Staten Island2010 — 2014	

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