

Anthony James Padavano

COMMUNITY ARTS PRACTITIONER & CREATIVE TECHNOLOGIST

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LINKS

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

PROFILE

Queer artist and creative technologist building open-source infrastructure for participatory creative practice. Creator of the Omni-Dromenon Engine — a real-time audience-participatory performance system where collective input shapes live art through weighted consensus. Builder of a 103-repository eight-organ creative system with community infrastructure (ORGAN-VI) and 42 published essays documenting the practice. 11 years college instruction across 8 institutions, 2,000+ students. MFA Creative Writing. Housing-precarious practitioner building models for sustainable creative work accessible to others navigating similar circumstances. LGBTQ+.

TECHNICAL SKILLS

TypeScript · React 18 · Node.js · Express · Socket.io · WebSocket · Python · p5.js · D3.js · WebGL · WebAudio · OSC · SuperCollider · Max/MSP · Docker · GitHub Actions · CI/CD · Astro · Vite · Git

SELECTED PROJECTS

Omni-Dromenon Engine — Audience-Participatory Performance System

Real-time performance infrastructure where collective audience input shapes live art through weighted consensus while performers retain override authority. Genre presets for ballet, theatre, opera, electronic music, and installation. 1,000+ concurrent participants, <2ms P95 latency. Festival rider, venue playbooks, collaboration agreements. Open-source MIT.

ORGANVM Eight-Organ Creative System — Community Infrastructure

103 repositories across 8 GitHub organizations. ORGAN-VI community infrastructure: reading groups, salons, learning commons. 42 published essays (~142K words) documenting the practice publicly. Automated governance, promotion state machine, 2,349+ tests. Single-practitioner model using AI as compositional instrument.

Portfolio & Generative Art

Astro 5 site with real-time generative p5.js visual layer, D3.js data visualizations, 20 case studies. CMYK design system. Accessibility-first.

Public Documentation Practice — 42 Published Essays

~142K words documenting creative infrastructure for general audiences. Pedagogical transparency methodology making artistic and technical decision-making visible. Open reference material for practitioners navigating similar creative and economic circumstances.

EXPERIENCE

Independent Artist & Community Creative Technologist

2020 — Present

- **Participatory Performance:** Designed Omni-Dromenon Engine — audience-participatory infrastructure with consensus algorithms, where community input directly shapes creative output.
- **Community Infrastructure:** ORGAN-VI community repos (reading groups, salons, learning commons) and 42 published essays documenting creative practice for public benefit.
- **Open-Source Practice:** 103-repository system built as a model for sustainable creative work — open-source, publicly documented, designed for accessibility and replication.
- **Housing-Precarious Advocacy:** Building models for sustainable creative production accessible to practitioners navigating economic precarity — all infrastructure open-source and publicly documented.

Instructor — Composition & Writing

2015 — Present

Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State

- 100+ graduate and undergraduate courses across 8 institutions; 2,000+ students from diverse backgrounds.
- 85% above-average achievement; 92% approval rating; 97% completion rate.

Digital Marketing Manager

2023 — 2024

Miami Dade College Foundation (nonprofit)

- Rebuilt foundation website; designed fundraising campaigns increasing donor engagement by 32%.

Multimedia Specialist

2011 — 2020

AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca

- Video, audio, and visual campaigns for nonprofits and arts organizations; 17.5M+ views, \$2M in fundraising.

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)