

Anthony James Padavano

EDUCATOR & CREATIVE TECHNOLOGIST

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LINKS

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

PROFILE

Educator with 11 years of college instruction across 8+ institutions and 2,000+ students, building a teaching practice grounded in making complex systems accessible. Creator of a 103-repository eight-organ creative system documented in 42 published essays (~142K words) that demonstrates this methodology applied to creative infrastructure. MFA Creative Writing. Full-Stack Developer (Meta). Builder of open-source performance technology (Omni-Dromenon Engine) and generative art systems. LGBTQ+.

TEACHING SKILLS

Curriculum Design · Writing Pedagogy · Systems Thinking · Technical Communication · Workshop Facilitation · Rubric Design · LMS Administration · Student Mentoring · Peer Review Frameworks · Assessment Design · Accessibility · Diverse Learner Populations

TECHNICAL SKILLS

TypeScript · Python · React 18 · Node.js · p5.js · D3.js · WebGL · WebAudio · Astro · Docker · GitHub Actions · CI/CD · Git

SELECTED PROJECTS

ORGANVM Documentation System — 42 Published Essays

~142K words of public documentation making complex creative infrastructure accessible to general audiences. Pedagogical transparency methodology: each essay teaches systems thinking, architectural decision-making, and creative production processes. Open reference material for practitioners and educators.

Classroom RPG: Aetheria — Gamified Education Platform

React 19/TypeScript SPA transforming classroom learning into RPG mechanics: quests mapped to CCSS ELA and AP Literature standards, XP progression, AI-powered evaluation with rubric scoring and remediation feedback. Educator dashboard with analytics, rubric management, and standards-alignment tracking. Four thematic skins, 4-year English Lit curriculum, three-way student/teacher/parent voting system. Open-source MIT.

Omni-Dromenon Engine — Participatory Performance System

Real-time audience-participatory performance infrastructure with educational applications. Consensus algorithms where collective input shapes outcomes — models for classroom engagement, collaborative learning, and real-time feedback systems. Genre presets for ballet, theatre, opera, electronic music.

Portfolio Site — Interactive Case Studies & Generative Art

Astro 5 site with 20 interactive case studies, generative p5.js art, D3.js data visualizations. Documentation-driven design demonstrating technical pedagogy through accessibility-first patterns and visual learning.

TEACHING EXPERIENCE

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.
- Courses: ENC1101 Composition I, ENC1102 Composition II, CRW workshops, Advanced Rhetoric, Technical Writing.
- Designed scaffolded curricula integrating systems thinking, creative coding concepts, and iterative feedback pedagogy.
- Developed peer review frameworks and rubric-based assessment tools adopted across multiple course sections.

PROFESSIONAL EXPERIENCE

Independent Educator & Creative Technologist

2020 — Present

- **Public Documentation:** 42 published essays (~142K words) documenting creative infrastructure — making complex systems accessible to general audiences through pedagogical transparency.
- **Omni-Dromenon Engine:** Audience-participatory performance system designed for educational and community contexts — consensus algorithms, real-time interfaces, genre-specific examples.
- **Eight-Organ System:** 103-repository creative system demonstrating AI-augmented creative production methodology, documented for replication and teaching.

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)