

# Anthony James Padavano

## DEVELOPER EDUCATION & CONTENT STRATEGY

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| LINKS                   | <a href="#">Portfolio</a> · <a href="#">Omni-Dromenon Engine</a> · <a href="#">ORGANVM System</a> · <a href="#">GitHub</a>   |   |
| PROFILE                 | Developer education practitioner with 11 years teaching complex systems to 2,000+ students and 810K+ words of technical documentation across 103 repositories. Builder of Classroom RPG: Aetheria, a React 19/TypeScript gamified education platform with AI-powered rubric evaluation. Daily Claude user who built production CLI tooling, API integrations, and a content pipeline with automated validation and scoring. MFA Creative Writing. Full-Stack Developer (Meta). LGBTQ+.   |   |
| TEACHING SKILLS         | Developer Documentation · Tutorial Design · Content Strategy · Curriculum Design · Technical Communication · Claude API/SDK · Content Pipelines · Systems Thinking · Rubric Design · Assessment Design · Workshop Facilitation · Cross-Functional Collaboration  |   |
| TECHNICAL SKILLS        | TypeScript · Python · React 18 · Node.js · p5.js · D3.js · WebGL · WebAudio · Astro · Docker · GitHub Actions · CI/CD · Git  |   |
| SELECTED PROJECTS       | <p><b>ORGANVM Documentation System — 42 Published Essays</b></p> <p>~142K words of public documentation making complex creative infrastructure accessible. Pedagogical transparency methodology: each essay teaches systems thinking, architectural decisions, and creative production. Open reference material for practitioners and educators.</p> <p><b>Classroom RPG: Aetheria — Gamified Education Platform</b></p> <p>React 19/TypeScript SPA transforming classroom learning into RPG mechanics: quests mapped to CCSS ELA and AP Lit standards, XP progression, AI-powered rubric scoring and remediation feedback. Educator dashboard with analytics and standards-alignment tracking. Four thematic skins, 4-year curriculum, three-way voting system. Open-source MIT.</p> <p><b>Omni-Dromenon Engine — Participatory Performance System</b></p> <p>Real-time audience-participatory performance infrastructure with educational applications. Consensus algorithms where collective input shapes outcomes — models for classroom engagement and collaborative learning. Genre presets for ballet, theatre, opera, electronic music.</p> <p><b>Portfolio Site — Interactive Case Studies &amp; Generative Art</b></p> <p>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.</p> |   |
| TEACHING EXPERIENCE     | <p><b>Instructor — Composition &amp; Writing</b></p> <p><i>Miami Dade College, Keiser University, Nova Southeastern, FAU, Young Harris, Tarrant County, Broward, Palm Beach State</i></p> <ul style="list-style-type: none"><li>Designed scaffolded curricula integrating systems thinking, creative coding, and iterative feedback pedagogy.</li><li>100+ graduate and undergraduate courses across 8 institutions; 2,000+ students from diverse backgrounds.</li><li>Developed peer review frameworks and rubric-based assessment tools adopted across multiple course sections.</li><li>85% above-average achievement; 92% approval rating; 97% completion rate.</li><li>Courses: ENC1101 Composition I, ENC1102 Composition II, CRW workshops, Advanced Rhetoric, Technical Writing.</li></ul>   | 2015 — Present  |
| PROFESSIONAL EXPERIENCE | <p><b>Independent Developer Educator &amp; Content Creator</b></p> <ul style="list-style-type: none"><li><b>Developer Documentation:</b> 42 published essays (~142K words) and 810K+ total words across 103 repos — making complex systems accessible through structured onboarding docs (CLAUDE.md, 100% coverage).</li><li><b>Content Pipeline:</b> Built production pipeline managing 66+ targets through a state machine with automated validation, 8-dimension scoring, preflight checks, and conversion tracking — replacing ad-hoc prioritization with measurement-driven operations.</li><li><b>Eight-Organ System:</b> 103 repos across 8 GitHub orgs (21K code files, 3.6K tests, 94 CI/CD pipelines) built using Claude — documented for replication and developer onboarding.</li></ul> <p><b>Digital Marketing Manager</b></p> <p><i>Miami Dade College Foundation (nonprofit)</i></p> <ul style="list-style-type: none"><li>Rebuilt foundation website; designed fundraising campaigns increasing donor engagement by 32%.</li></ul> <p><b>Multimedia Specialist</b></p> <p><i>AJP Media Arts — clients incl. Boca Ballet Theatre, Forward Funding, Arts in Boca</i></p> <ul style="list-style-type: none"><li>Video, audio, and visual campaigns for nonprofits and arts organizations; 17.5M+ views, \$2M in fundraising.</li></ul>  | <p>2020 — Present</p> <p>2023 — 2024</p> <p>2011 — 2020</p> |
| EDUCATION               | <p><b>M.F.A. Creative Writing</b>, Florida Atlantic University</p> <p><b>B.A. English Literature</b>, CUNY College of Staten Island</p>  | <p>2015 — 2018</p> <p>2010 — 2014</p>                       |
| CERTIFICATIONS          | Full-Stack Developer, Meta (2024) · UX Design, Google (2023) · Digital Marketing, Google (2023) · Project Management, Google (2023)  |   |