

TIFFANY SMITH

Technical Writer | Empathetic Storyteller | Creative Technologist

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[LinkedIn](#) | [GitHub](#) | [Medium](#) | [YouTube](#)

PROFESSIONAL SUMMARY

Technical writer and creative technologist specializing in clear, empathetic documentation of complex systems. Skilled at transforming technical workflows, AI/ML models, and abstract concepts into accessible guides, SOPs, and tutorials. Experienced with both developer-focused documentation and non-technical audiences. Known for combining writing rigor, systems thinking, and inclusivity to create resources that are not just accurate, but usable.

TECHNICAL SKILLS

Writing & Communication: Technical Documentation, Whitepapers, Tutorials, Academic Writing, AI-Assisted Editing, Multimedia Storytelling

Data & Computing: Python, SQL, APIs, Git, Streamlit, Data Visualization, Predictive Modeling

Libraries & Platforms: Pandas, NumPy, Scikit-Learn, TensorFlow, PyTorch, Tableau, VS Code

Certifications: Machine Learning Specialization (Stanford), Meta Database Engineer, Google Advanced Data Analytics

Languages: English (native), Spanish (fluent), German (learning), French (basic), Korean (basic), Python 🐍 (conversational)

SELECTED PROJECTS

Algorithms of Abjection (YouTube + Writing Portfolio)

- Design and document interactive ML/AI art systems exploring ethics, computation, and philosophy.
- Author whitepapers, essays, and explainers that make tech accessible to general audiences.
- Produce multimedia content to showcase projects; combining analysis, design, and narrative.

Slime Mold Oracle (Two Whitepapers)

Python, Streamlit, Graph-Based Algorithm

- Wrote and composed one 10+ page academic-style paper and one 7 page startup-style paper, both bridging divination studies, bio-computation, and AI.
- Synthesized scientific research on *Physarum polycephalum* into a readable, well-cited analysis.
- Positioned project within related work (AI oracles, tarot systems, bio-inspired computation).

Glass Casket (AI Black Box Visualizer App)

Python, Streamlit, Scikit-Learn

- Designed an interactive oracle-like system and authored documentation explaining its purpose, architecture, and usage for non-technical readers.
- Built a query engine that both answers user prompts and threads connections between past queries, creating a dynamic “graveyard” of old models and language fragments.
- Highlights the tension between interpretability, memory, and obsolescence in machine learning systems through an accessible, visual interface.

Robot Boyfriend When? (Medium Essay + Multimedia Drop)

- Composed a critical essay on AI companionship, automation, and gender politics.
- Integrating original graphics and cross-platform release (Medium, YouTube, Instagram).
- Example of adaptive style: balancing technical accuracy with humor, accessibility, and theory.

RELEVANT EXPERIENCE

Technical Writer - Atlanta, GA (2024 - Present)

Freelance

- Author security SOPs, quickstart guides, and tutorials in plain language, with a focus on accessibility, clarity, and empathy.

- Produce error-based walkthroughs and annotated screenshots, anticipating common user frustrations and reducing user panic when encountering Python tracebacks.
- Create documentation for AI/ML projects (whitepapers, explainers, and experimental systems), bridging research with public-facing explainability.
- Balance technical accuracy with audience awareness: producing plain-language guides for non-programmers and theory-infused essays for academic-style readers.
- Leverage design instincts to ensure documents are scannable, screen-reader compatible, and visually consistent, prioritizing accessibility with bolded key terms and logical numbering.

OTHER EXPERIENCE

Graphic Designer / Production Artist - Chicago, IL (2023–2025)

Signs Plus Wraps & CDI Corp

- Produced and delivered design assets under rapid deadlines, supported by clear process documentation and workflow guides.
- Collaborated with cross-functional teams to translate technical requirements into visual specifications, reducing production errors by 30%.

Operations Manager / Designer - TN / GA / FL / IL (2010–2022)

Freelance & Small Business Owner

- Authored client-facing documentation for e-commerce integrations, improving adoption and reducing support requests.
- Wrote data analysis reports highlighting trends and anomalies for small businesses.
- Built process manuals and dashboards to streamline client operations.

CERTIFICATIONS

- Machine Learning Specialization – Stanford/[DeepLearning.AI](#) (2025)
- Meta Database Engineer Certificate
- Google Advanced & Foundational Data Analytics Certificates

EDUCATION

- Bachelor of Science, Game Art — Full Sail University, FL (2022)
- Associate of Science, Graphic Design — Nossi College of Art, TN (2009)

VOLUNTEER

- Slaughter-Free Chicago – Animal Rights Activist (2021–2024)
- Walden's Puddle Wildlife Rehab Center – Animal Caretaker (2015)

INTERESTS

AI & Data Ethics · Feminist Tech & Theory · Accessible Knowledge Sharing · Systems Design · Animal Welfare Tech · Techno-Philosophy · Art History

Portfolio & Writing

- Medium: [Robot Boyfriend When?](#) (critical tech essay)
- YouTube: [Algorithms of Abjection](#) (ML art + philosophy channel)
- GitHub: [Glass Casket](#) (AI visualizer project, code + docs)
- Whitepaper: Slime Mold Oracle ([Academic-style](#) + [Startup-style](#) PDF's)