

Amanda Miller

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

University of Florida

Bachelor of Science in Computer Science; 3.7 GPA

Gainesville, FL

Graduating May 2026

PROJECTS & TECHNICAL LEADERSHIP

Archive Vision | [Python](#), [React Native](#), [HuggingFace](#), [Docker](#)

Jan. 2026 – Present

- Leading a student development team to build an AI-powered mobile app using OCR and embedding models to convert historical documents into searchable, structured text.
- Collaborate with faculty advisor Dr. Seth Bernstein to ensure the app meets professional archivist workflows and provides a practical research tool for the History Department.
- Own product vision, user stories, and technical requirements; coordinate development tasks using Agile methodology.

Lemmatica [🔗](#) | [Python](#), [Flask](#), [Docker](#), [MySQL](#), [Bootstrap](#), [Git](#)

Aug. 2025 – Nov. 2025

- Developed a Spanish-learning web app for social service workers and volunteers, leading the project as scrum master and backend lead.
- Built backend architecture, database schema, and core features (sets, cards, practice) with many-to-many relationships and 500+ domain-specific vocabulary terms.
- Deployed and managed a production demo on DigitalOcean, including a demo account system that resets every session for hands-on user testing.

PROFESSIONAL EXPERIENCE

Freelance Technical Writer

June 2024 – Dec. 2024

POW3R Media

Remote

- Researched blockchain, NFT, cryptocurrency, and Web3 gaming systems and produced technical content translating complex concepts for non-technical audiences.
- Managed content publication through WordPress, coordinating SEO, image assets, and source citation across multiple concurrent contracts and deadlines.
- Writing Samples: [NFT Insider](#), [MagNFT](#)

Web Developer & Digital Marketer

May 2023 – Mar. 2024

Drainage Professional

Tarpon Springs, FL

- Redesigned and maintained the company website using WordPress, custom CSS, and original branding.
- Built and deployed a custom AI chatbot with frontend UI and backend API integration to answer customer questions and guide users to relevant services.
- Increased business engagement by doubling estimate requests, boosting commercial inquiries, while supporting a 5.0-star Google rating through automated email campaigns.

Customer Support Specialist

July 2021 – Feb. 2023

MyChurchWebsite.net

Remote

- Provided remote, phone-based technical support for a specialized website hosting platform.
- Assisted clients with DNS configuration, hosting issues, and data recovery inquiries while documenting detailed support cases for escalation and internal tracking.
- Conducted outbound follow-ups with existing customers to support ongoing client relationships.

TECHNICAL SKILLS

Certifications: Harvard CS50 Certificate

Technologies: Python, C++, JavaScript; Flask, HTML/CSS, SQL, OpenAI API, LangChain, HuggingFace

Skills: Backend development, relational database design, Agile/Scrum, Git, cross-team collaboration, technical documentation, system evaluation

Developer Tools: Git, Docker, AWS Platform, DigitalOcean, VS Code