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INSTRUCTIONAL TECHNOLOGY PORTFOLIO — COVER LETTER

I am a Master of Science candidate in Instructional Technology at the University of North Texas, graduating May 2026. This portfolio demonstrates how I apply learning science, instructional design methodologies, and emerging technologies to create effective learning experiences.

My background combines a B.Tech in Computer Science with frontend development experience at Think Flow Software and Ramco Systems. While I valued technical problem-solving, I wanted work with direct human impact. Instructional technology revealed that principles of good code—clarity, efficiency, user-centeredness—translate directly to principles of good instruction.

Professional Qualifications

I have developed competence across the full instructional design spectrum:

Instructional Design: I apply ADDIE and SAM models end-to-end. My Workplace Safety eLearning Course demonstrates this capability, from needs analysis identifying gaps between policy knowledge and situational judgment, to a SCORM-packaged course with xAPI tracking.

eLearning Development: I build branching scenarios, knowledge checks, and interactive assessments using Articulate Storyline 360 and Rise. My technical background enables me to leverage triggers, variables, and conditional logic for adaptive learning experiences.

SME Collaboration: As a Teaching Assistant at UNT's Intensive English Language Institute, I worked with faculty to develop scaffolded materials for diverse ESL learners, learning to translate expert knowledge into accessible content and iterate based on feedback.

Project Management: I manage concurrent instructional projects while meeting quality standards and deadlines through dependency tracking, prioritization, and proactive stakeholder communication.

Emerging Technologies: I completed NVIDIA's Deep Learning Institute workshop "Building AI Agents with Multimodal Models," building a contrastive learning model (CILP) using PyTorch. This hands-on AI experience informs how I design training for technical audiences.

Professional Goals

My immediate goal is an instructional designer role applying my technical background to solve real learning challenges. I seek roles involving technical training development, eLearning innovation using AI-powered adaptive learning and xAPI analytics, cross-functional collaboration with engineers and product teams, and scalable solutions for diverse audiences.

Long-term, I aspire to learning product design—building platforms and systems that fundamentally change how people learn. I want to design not just courses, but the environments where learning happens. I'm drawn to organizations pushing educational technology boundaries: startups building AI tutoring systems, tech companies with cutting-edge products, or EdTech platforms reimagining education.

Portfolio Contents

This portfolio demonstrates technical competence, collaboration and systems thinking, and reflective iteration.

My **Workplace Safety eLearning Course** and **LMS User Onboarding Guide** showcase performance-focused design using industry tools. My **Teaching Assistant experience** and **ADDIE Documentation Package** reflect my ability to navigate complex organizational systems. Throughout, I document design decisions, iterations, and lessons learned—not just final deliverables.

Each artifact connects to my goals: technical training modules demonstrate readiness for complex systems, eLearning courses showcase strategic tool use, the NVIDIA workshop signals commitment to emerging tech, and reflective essays demonstrate continuous improvement.

Conclusion

This portfolio represents my answer to a fundamental challenge: designing experiences that genuinely help people learn. Grounded in learning science, informed by practice, and committed to continuous improvement, I'm ready to contribute to an organization valuing evidence-based design and measurable impact.

Thank you for reviewing my work.

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