

SP

## Projects & Publications

Classroom Management  
Simulation

[Technology Integration  
Professional  
Development](#)

[A.I. Prompt Engineering  
Assignment](#)

[Public Speaking Course  
Job Aid](#)

[The Oregon Trail is a  
Loop](#)

[ClassDojo and the  
Digitization of Old-  
School Discrimination](#)

## Phone

469-432-2534

## Email

srpietsch@gmail.com

## Website

<https://sampietschportfolio.com/>

## Skills

Articulate Storyline |  
Vyond | UDL | A.I.  
Prompt Engineering |  
Culturally Responsive  
Pedagogy | Inclusive  
Pedagogy | Social-  
Emotional Learning |  
Verbal and Written  
Communication | AI and  
LLM Ed-Tech Integration

# Sam Pietsch

## Experience

### 2025 - present

Senior AI Evaluation Specialist | Scale AI

- Developed PhD-level adversarial evaluation tasks that resist surface-level pattern matching by integrating subtle semantic distractors, contradictory logic, and nuanced concept masking while requiring LLMs to engage in abstract reasoning, synthesis, complex problem-solving, and conceptual mapping.
- Engineered prompts that melded abstract critical and pedagogical theories and concrete learning scenarios with objectively verifiable, unique, and automatically gradable ground-truth final answers to ensure scalable, automated evaluation of AI reasoning across educational domains.

### 2020 - 2025

Teaching Associate | The University of Texas at Dallas

- Incorporated students' backgrounds, career and academic goals, and prior knowledge into instruction and curriculum design, integrating backward design and inclusive pedagogical principles to enhance learning outcomes.
- Cultivated trusting relationships with diverse student populations through culturally responsive communication and active listening, resulting in a 25% increase in student participation rates.
- Implemented an anonymous student feedback system, leading to curriculum adjustments and a perfect student course evaluation score.
- Developed assignments that effectively incorporated [artificial intelligence](#), large-language models, multimodal composition, and other new technologies and media to bridge the gap between students' interests and skills and course learning objectives.

### 2018 - 2019

Instructional Design and Delivery Intern | 24/7 Education

- Collaborated in designing K-12 online curricula focused on [communication](#) and life skills, incorporating UDL and instructional design best practices.
- Authored modular lesson plans, facilitator guides, and student-facing materials aligned with learning and accessibility standards.

## Education

### May 2025

PhD in Arts, Technology, and Emerging Communication | The University of Texas at Dallas

- Dissertation: [Education, Technology, and White Supremacy: The Maintenance of Structural Racism in the Post-Integration Era](#)
- Graduate Student Organizer – Public Interactives Research Lab
- Created pilot introductory courses and major pathways for Public Interactives bachelor's and master's degrees

### May 2019

M.S. in Learning Technologies | The University of North Texas

- Created an online professional development [course](#) for technology integration for Celina I.S.D.