Lehigh AI is a digital hub for collaborative efforts to increase AI literacy and explore how AI technologies can enhance learning, teaching, research, and community engagement. Supported by the Center for Innovation in Teaching and Learning and funded by a Lehigh University Future Makers Grant from the Office of Strategic Planning & Initiatives, Lehigh AI creates and sustains an online resource with instructions for classroom activities, teaching modules integrable to multidisciplinary classes, technical how-tos, demonstrations, and advice for leveraging tools based on artificial intelligence.

Project title:

Collaborative Spoken Word Poetry with AI

Project Development: in Progress/Prototyped

Contributor 1

Name:

Lowry, Will   **Role:**   Faculty

Affiliation(s) and department(s):

Department of Theater, College of Arts & Sciences, Lehigh University

Contributor 2

Name:

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Description: *A brief description of the project*

Structure for leading an in-class creative activity, based in iterative theatrical devising and driven by group collaboration with generative AI.

Abstract: *A more complete description of the project*

This Lehigh AI project provides a structure for a creative activity in order to experiment with and reflect upon the potential of AI for artistic collaboration. Over the course of a 75-minute in-class exercise, students (or other participants) engage in an iterative artistic process with text- and image-generating AI applications. Over a sequence of steps, students develop a creative work that incorporates poetic text, digital imagery, and embodied performance. The process combines individual effort and group decision-making, entangling both in artistic collaboration with AI. The exercise concludes with a presentation of the work to their peers and a reflective discussion about creation, authorship, and originality. The design of this exercise is modeled after general devising techniques in theatrical practice as well as the "cut-up" method popularized by William S. Burroughs.

This project presents a structured walkthrough of the creative activity, documenting the instructions, reasoning, and supplemental notes for each step in order for an instructor to guide the class in AI artmaking and reflection.

Toolkit: *A description of what software, hardware, and programming languages were used for the project. Includes a description of relevant repositories, datasets, and code.*

Text-based generative AI (ChatGPT 3.5 and 4o via the Lehigh ChatGPT interface created by Rob Weidman, Senior Digital Scholarship Specialist, Lehigh University), image-based generative AI (Dall-E 3, via the same interface), shared document writing software (Google Docs), shared slideshow creation software (Google Slides). Specific software is not required as long as it fulfills the stated type.

Keywords: *Terms/tags/keywords/phrases related to the project.*

theatre, spoken word, poetry, performance, art, artmaking, devising, creativity, originality, authorship, collaboration, cut-up method

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