

4-comma: The Lost Genius

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Fig. 1. The Lost Genius Yonkoma

The process used to create the yonkoma "Lost Genius" for the Generative art and design class assignment involved using image generator AI s to help artists make their humorous narrative. The experiment aimed to

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Conference acronym 'XX, College Station, TX

integrate AI as a tool in the creative process while maintaining human artistic control. Adobe FireFly was used as an image generator, and ChatGPT acted as a prompt engineer to develop a workflow for producing visuals. The yonkoma tells the story of a student losing his brilliant idea after getting distracted by a phone call from his mom.

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Additional Key Words and Phrases: Do, Not, Us, This, Code, Put, the, Correct, Terms, for, Your, Paper

ACM Reference Format:

Amir Khazaei. 2025. 4-comma: The Lost Genius. In *Proceedings of Make sure to enter the correct conference title from your rights confirmation email (Conference acronym 'XX)*. ACM, New York, NY, USA, 4 pages. <https://doi.org/XXXXXXX.XXXXXXX>

1 Introduction and Related Works

AI-generated art has become a widely discussed topic in creative fields. While AI can assist artists in generating ideas, it lacks the human touch essential for storytelling and visual expression. This project explores a workflow that integrates AI into the artistic process, enhancing rather than replacing human creativity. Prior works, such as AI-assisted character design and AI-enhanced concept art, have demonstrated the potential for collaboration between technology and artists. However, these applications often face criticism regarding originality and artistic intent. With "Lost Genius," the goal was to develop a method where AI serves as a supportive tool rather than an autonomous creator, emphasizing the importance of artistic intervention in refining AI-generated imagery. [1]

2 Methodology



Fig. 2. Generated Images with Adobe Firefly with the first prompt

Various AI image generators were tested, including Leonardo, MidJourney, Gemini and Adobe FireFly. Adobe FireFly was chosen for its ability to maintain a consistent anime-style aesthetic. ChatGPT was utilized as a prompt engineer, refining initial descriptions into detailed prompts for each panel. For example, the first panel's original prompt, "An anime-style character, a guy in the kitchen, making eggs," was refined into " An anime-style male character in a cozy kitchen, mid-cooking, with a shocked yet excited expression as if he just had a brilliant idea. He has spiky

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ACM ISBN 978-1-4503-XXXX-X/2025/02

<https://doi.org/XXXXXXX.XXXXXXX>



Fig. 3. Generated Images with Adobe Firefly using Chat GPT Prompt

hair and wears a casual apron over a t-shirt. Holding a frying pan with sizzling food, steam rises around him, and various ingredients are scattered on the counter. The scene is dynamic, with warm lighting and vibrant colors, capturing the energy of his sudden inspiration. Medium shot, slightly dramatic angle for emphasis."

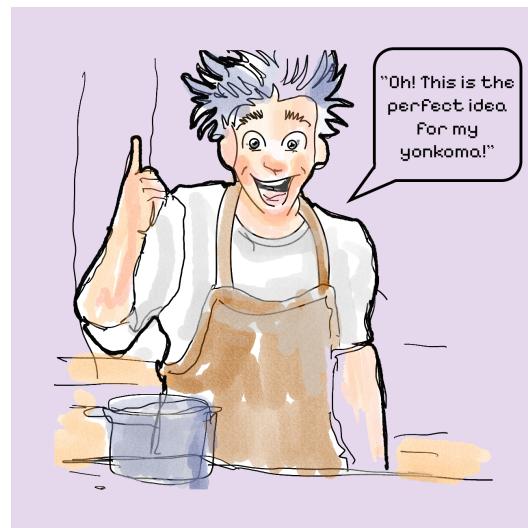


Fig. 4. Digitally painted panel that I gave to Adobe FireFly as the reference for generating images

The final AI-generated images were then digitally painted and the AI was fed with the digital painting as the main style to generate more images close to the original painting. After generating more images with AI, they were used as the reference to draw my final illustrations.



Fig. 5. Generated Images with Adobe Firefly based on the reference I gave

3 Result and Future Work

The process saved time in conceptualization while keeping the artistic expression. Future work can be and exploration of integrating AI-driven animation techniques.

4 Conclusion

"Lost Genius" illustrates how AI can assist artists in generating ideas and refining concepts without compromising artistic integrity. This project highlights the benefits of image generator AIs while showing the necessity of human creativity in finalizing artistic works.

Acknowledgments

This work is submitted as part of Assignment 1 for the VIZA 626 course at Texas A&M University, under the instruction of Professor You-Jin Kim, during the Spring 2025 semester.

References

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