

Assignment 04 Submission

Houston Community College

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ITAI 1378: Computer Vision

Professor Anna Devarakonda

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### **Brief Reflection**

Creating the play on the land of image enhancement was a real learning experience. I discovered just how creative and engaging these techniques can be. The trickiest part was showing how things like histogram equalization, smoothing, and sharpening aren't just dry technical terms – they're actually powerful tools for solving mysteries. I had tried different challenges but failed due to lack of ideas to fulfillment.

At first, I was stuck trying to put together the characters to on every scene. Later decided to focus on the bigger picture which was mystery. I wanted visualized short play that is has mystery and it is intriguing.

Writing the play was a journey in itself. As I developed the story, I learned so much more about what each technique could do. Smoothing, for example, isn't just about getting rid of noise; it can actually help you focus on important details. And sharpening? It's not just about making things look crisp; it's about uncovering crucial edges and lines that might have been blurred.

The best part was seeing how these technical processes could become part of a compelling story. My imaginary audience wasn't just learning about image enhancement; they were experiencing it right alongside the characters. They were drawn into the mystery and eager to see how each technique brought them closer to the answer. It really showed me that even complicated stuff can

be made interesting and understandable with a little imagination and a good narrative. Plus, it highlighted how useful these techniques can be in real-world investigations. Sometimes, an enhanced picture really is worth a million words.