

# CV-FS

The future of AI in War

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Task: Create a project that develops a nuanced perspective on Artificial Intelligence and Deep Learning in warfare

CV-FS:  
Computer Vision Flag Scanner



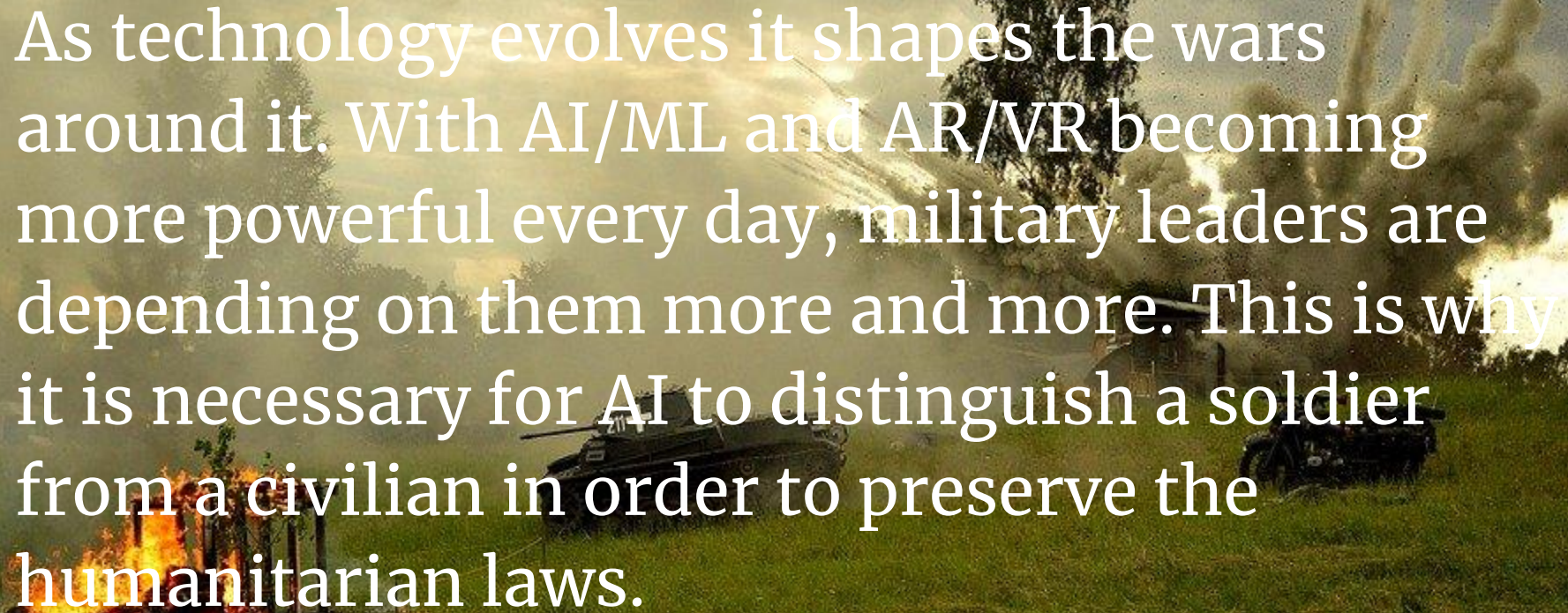
A B-29 bomber is shown in flight, viewed from below, amidst a chaotic scene of numerous bright orange and yellow explosions and fire trails. The aircraft is dark and silhouetted against the bright, fiery background. The sky is filled with smoke and the intense light from the explosions.

# What does our software do?

This software uses computer vision to analyze the RGB values of an image. If the correlation between an image and the American Flag is greater than a certain amount, the model returns the PASS result.

# Why is this useful?


As technology evolves it shapes the wars around it. With AI/ML and AR/VR becoming more powerful every day, military leaders are depending on them more and more. This is why it is necessary for AI to distinguish a soldier from a civilian in order to preserve the humanitarian laws.

The background image is a composite of war-related scenes. It features a grassy field in the foreground with a burning structure on the left. In the middle ground, there are military vehicles, including what appears to be a tank and an armored car. Large plumes of smoke and fire rise from the background, suggesting recent explosions or battles. The sky is overcast and hazy.



# Future implementations

- Work for other countries flags too ex. distinguish an object from an Indian flag
- Recognize where the flag is placed on a soldier's uniform
- Look for medals on a soldiers uniform for extra confirmation as well as the rank of the soldier
- Recognizing injured soldiers



**STOP THE WAR !!**

A large-scale historical painting depicting a fierce battle scene. In the foreground, several soldiers in green uniforms are positioned behind sandbagged fortifications. A large, wheeled cannon is visible on the left, and another smaller one is on the right. The middle ground is filled with a dense mass of soldiers engaged in combat. In the background, a city is engulfed in flames and thick, billowing smoke rises into the sky. The overall atmosphere is one of intense conflict and destruction. The text "Thank You!" is overlaid in a large, bold, black, italicized font across the center of the image.

***Thank You!***