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Assignment: Computer Vision in the News

Course: CS5330

Date: 01-13-2025

FeatUp

FeatUp is a framework developed by MIT researchers M. Hamilton, S. Fu et al. The framework helps restoring the loss spatial information in deep features. It enhances the resolution of the image by combining data from low-resolution views through a multiview consistency loss  flipped, padded, or cropped). This framework or algorithm’s main application are for object detection, discovering fine-grained details, and small objects retrieval.

Source: https://viso.ai/computer-vision/featup-algorithm/