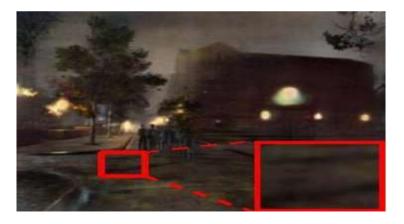
## Cong, Gui, Zhang, Hou, Shen Nighttime Dehazing Baseline with Spatial-Frequency Aware and Realistic Brightness Constraint

What is the problem?

The paper introduces a method aimed at improving the clarity of nighttime images that are affected by the haze.



What has been done earlier?

Earlier methods for nighttime dehazing used APSF-guided glow rendering and gradient adaptive convolution and NightHazeFormer: Single Nighttime Haze Removal techniques which failed to deal with:

 Localized, Coupled and Frequency Inconsistency.

Unrealistic Brightness Intensity.

Balkrishna Bharti, B421018

## Cong, Gui, Zhang, Hou, Shen Nighttime Dehazing Baseline with Spatial-Frequency Aware and Realistic Brightness Constraint

- In case of extreme haze or intense light from bright light sources, the model struggles to restore clear images.
- If the input image has extremely low level of illumination, such that it is entirely dark, the model fails to produce accurate output.

