Lecture 12: Applications of Deep Learning with Torch

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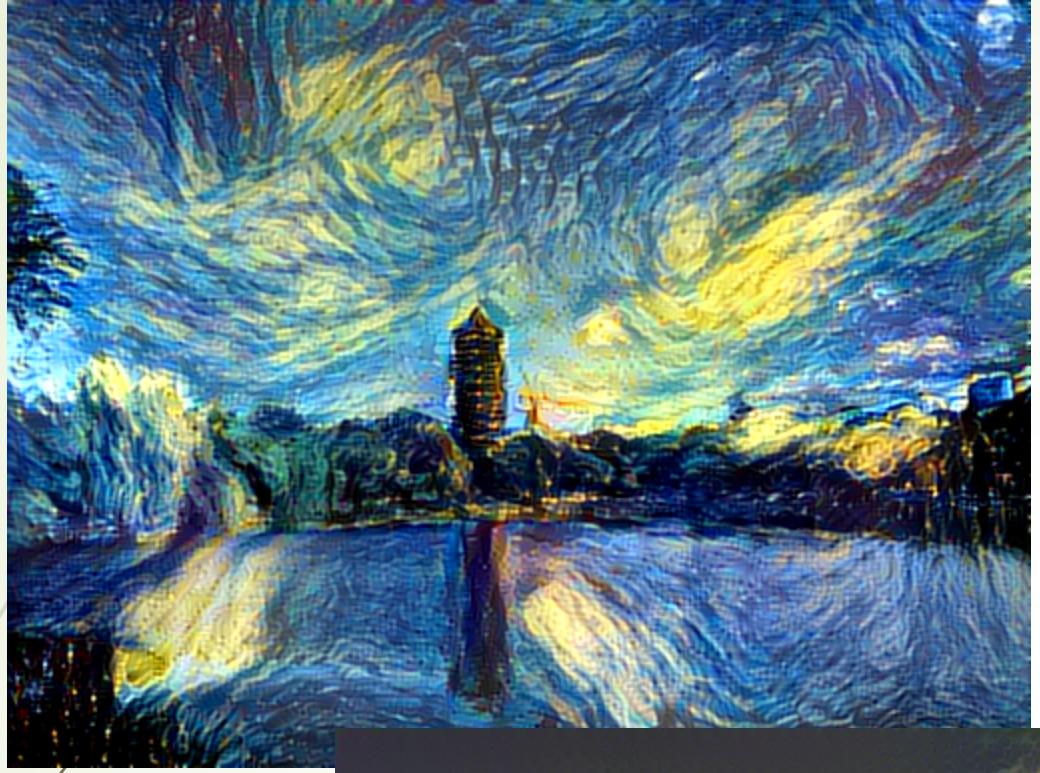
Neural Style by J C Johnson

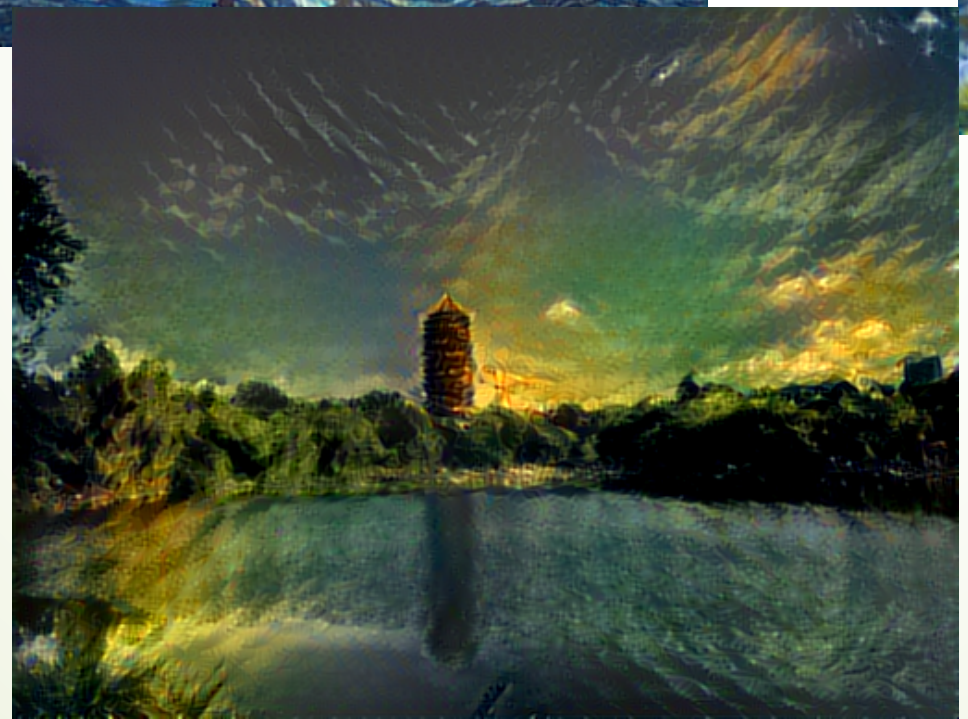
- Website: https://github.com/jcjohnson/neural-style

- A torch implementation of the paper
  - *A Neural Algorithm of Artistic Style*,
  - by Leon A. Gatys, Alexander S. Ecker, and Matthias Bethge.
  - http://arxiv.org/abs/1508.06576

博雅塔·未名湖

Left: *Vincent Van Gogh*, Starry Night
Right: *Claude Monet*, Twilight Venice
Bottom: *William Turner*, Ship Wreck

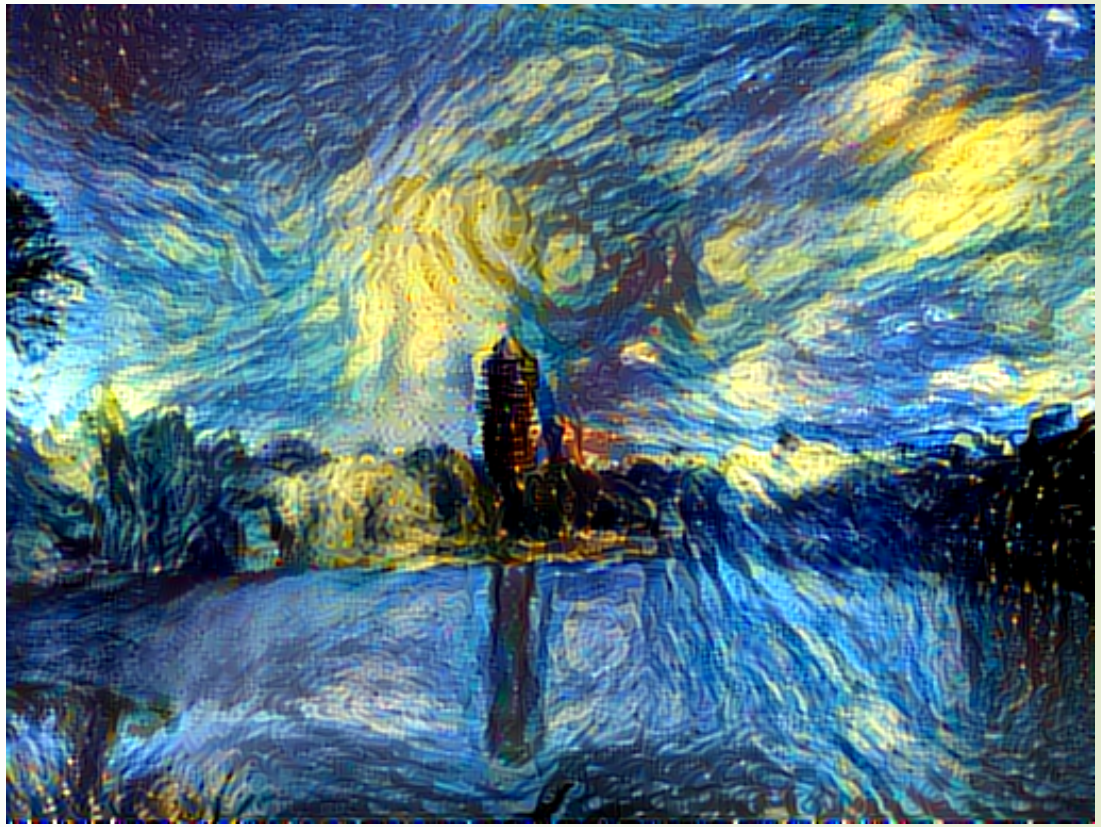
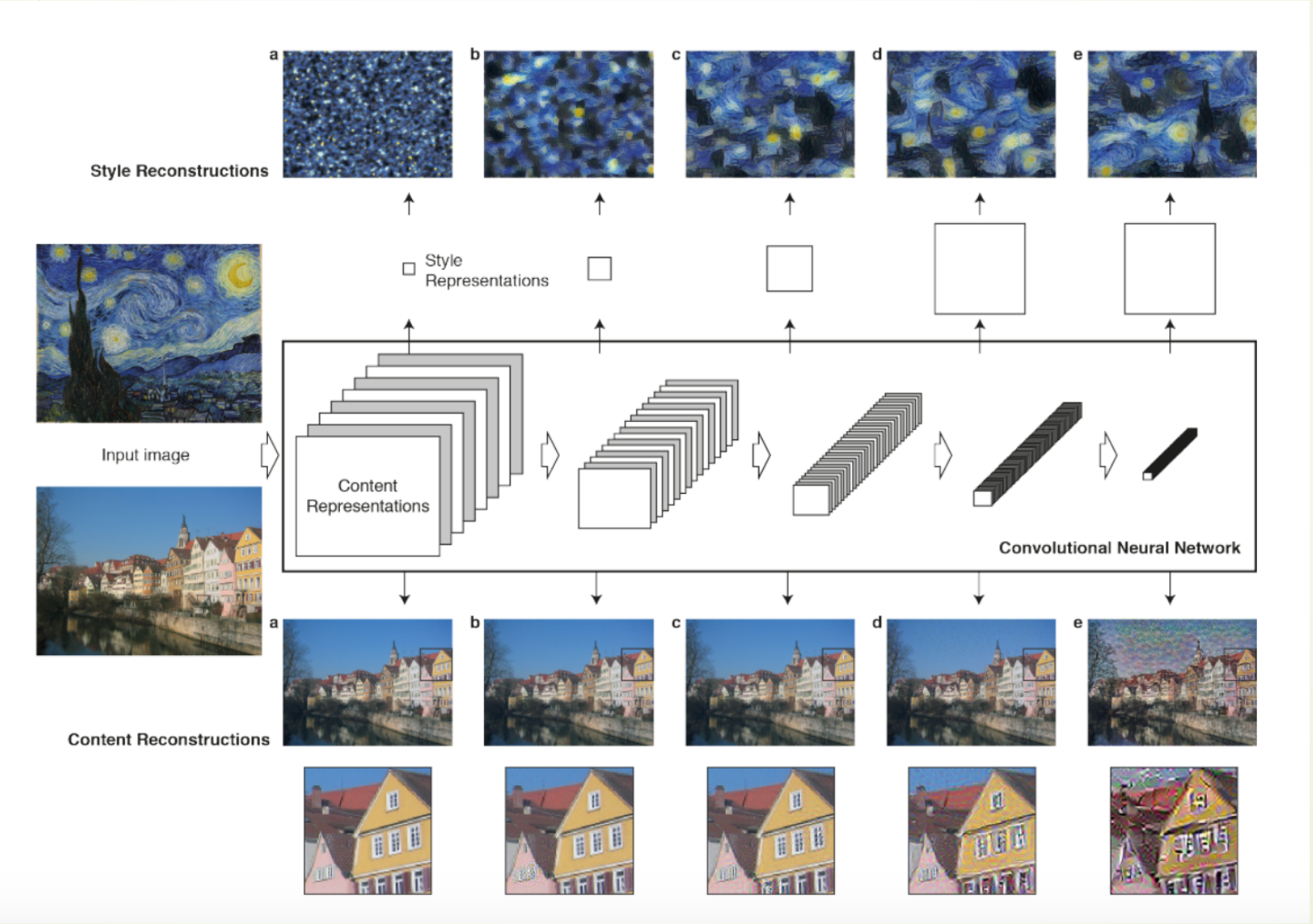




Application of Deep Learning:
Content-Style synthetic pictures
By “neural-style”

Run neural_style

- ssh bicmr@bicmr2 -p 2211
- cd neural-style/
- th neural_style.lua -style_image examples/inputs/starry_night.jpg -content_image examples/inputs/noname.jpg -output_image examples/outputs/noname_starry.png
- Different run might be different!



Style-Content Decomposition