The Making of "Transpad"
By

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Processes

Choosing Topic
Story Board

🌟 A laptop transformed into a robot and fight with the thief who wanted to steal it, the thief will be hanged on the wall at last.
Special Effects

- Blue screen
- Animation blending with real scene
- Multi-layer composition
Modeling

✿ laptop thinkpad
simple model for still laptop
Transform laptop model: optimus prime
Transformation
Animated Scenes

- Transformation
- Fighting
- Hitting the face
- Dragging on the floor
- Lift and hang the thief up
Processes

Lighting and shadows
Hitting the face
Fighting Scene

- Three Layers
  - the person
  - background
  - the robot
What’s the difficulty?
Cut the scene into subsequences, each subsequence belongs to either:

A the person occludes the robot
or
B the robot is between the person's hands
Fighting Scene Continue...

- The robot is between the person’s hands

- Solution: a forth layer
Fighting Scene Continue...
Three Layers

the person
the robot
background
Scenes with special effects

- Robot is in front of the person
- Robot dragging
- Robot lifting

- Occlusion problem
- Robot hitting
- Robot struggling
What’s the difficulty?
Struggle Scene

- Cut the scene into subsequences, each subsequence belongs to either:
  - the person occludes the robot
  - or:
    - the robot is between the person’s hands
Struggle Scene Continue...

- When the robot is between the person’s hands

- Solution: a forth layer
Four Layers
Q & A