Computer Science 8150  
Fall 2015  
Project 1 – Image Compositing

Due: Tuesday, 9/15/2015

Description

Use Nuke to create three separate composited images:

• using two or more live-action images set up for compositing  
  o background image can be any live action shot  
  o foreground element should be a real object shot in front of a green screen  
  o use a chroma-key tool to create a matte image by removing the background and any props  
  o composite the foreground object(s) over the background, taking into account lighting and shadows

• using a computer-generated foreground object with a live-action image for the background  
  o use Maya (or another modeling/rendering package) to create the foreground elements

• using a live-action image for the foreground and a computer-generated background  
  o use Maya (or another modeling/rendering package) to create the background

Be creative in the images you produce. Try to make the final image to appear as if it were created with a single camera. Attention should be given to the following features of the composited elements: size, placement, perspective, color correction, texture detail, focus, and grain.

Submission Requirements

You should create a web page with the following:

• your name, the date, and a title/description of this project  
• a visual chronology of the project:  
  o idea drawings  
  o principal photography  
  o matte images  
  o final images

We will view (and critique) the images in class. Your grade will be based on the quality of your composited images.