Combining Live Action into Your Grand CG World

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About the speaker

Writer / Director / VFX Artist

From Bolingbrook, Illinois. Begin editing at 6 years old. Graduated from Columbia College Chicago '08 BA Film and Video (Directing Concentration). Moved to Los Angeles 7 years ago. Started Nocturnal Operations, Post Production and Nocturnal FX, VFX.
How I Learned

- Movie Magic
- DVD’s Behind the Scenes
- Books Magazines
- College
- Experience
What we’ll go over

• Cal Scruby “Kobe with the Fro”
  • Building the inside of the Staples Center
• Missy Elliot “Cool Off”
  • Brand New Room
• Big Sean “ZTFO”
  • Making him float
Cal Scruby “Kobe with the Fro”
Build the Stadium
Grabbed floor plans from website. Google image seating chart. Used Arnold Stand-ins for for seats. Textured in Maya.

**3D Scene**

Good key. Moving Camera. Track Camera.

**Green Screen**

Render with Arnold. Multi-exr AOV.
Building the Assets in Maya

Modeling, Texturing, and Arnold Preview in Maya helped create the art direction and the mood very quickly.
Working in Maya
Live Action Green Screen and Tracking

Shoot the scene like you would if you were really on location. Close to the ground sweeping shots helped create a great composition. Good key and plenty of tracker marks as well as camera on a jib helped as well.
Final Result

Cal Scruby - Kobe with the Fro
Missy Elliott “Cool Off”
New Room
Original Plate


CG Background


Render and Composite

Render with Arnold. Multi-exr AOV. Additional elements added in Compositing.
Advantage of 3D Matte Painting

By creating the environment in 3D, we were able to quickly address changes the director had. Once locked, it was much easier this way to reposition the camera in different angles using the same set up and lights.
Tracking and Matching Camera
Final Result

Cool Off - Missy Elliot
Big Sean “ZTFO”
Make Him Float
Original

Big Sean “ZTFO”
Recreate the Interior

Interior remodeled in Maya.
Big Sean - ZTFO
Thank you

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