

Showreel 2009 breakdown - David Wahlberg

I have done all compositing, including painting and rotoscoping, on all of the showreel shots using Shake.



Vantage Point - Highway shot

- The shot starts with full CG created from still aerial photos projected onto 3D geometry.
- The inside of the ambulance and the exterior were shot separately on 35 mm film.



Nutcracker - 3D hand

- This shot was filmed with an ugly looking prosthetic and needed a hand replacement to look like an alive ape's hand.
- The old hand was painted away and a new hand composited on using several different 3D passes provided.



Nutcracker - Mirror

- This shot was one in a series of shots where the monkey character walks through the magic mirror.
- It was shot with two cameras at the same time to capture the correct mirror reflection, with a laser line reference showing the proper plane for intersection.



Tormented - Screwdriver

- This shot needed an added screwdriver blade. It was tracked on from a still with added blood dripping from it.
- It has also been retimed to make it look like it's hard to pull out the blade.



Slumdog Millionaire - Multi monitor insert

- Over 100 monitors plus reflections to insert the same live action plate into.
- The track is a combination between a 3D track in Boujou and a 2D track in Shake.
- Everything was shot with a Silicon Imaging 2K digital cinema camera.



Brideshead Revisited - Scaffold removal

- The film is set during the WWII so all modern features had to be removed.
- The largest object is the scaffold in the distance that had to be painted out using only this shot as a texture source.
- The only additional element used was stock footage of rain.



Tropic Thunder - "Scorcher VI" fake film trailer intro titles

- Full CG film titles.
- The shot is a combination of lots of 3D passes composited together with several different live action elements of fire, snow and smoke.



Speed Racer - Luxury Box (first)

- Green screen foreground shot with digital cinema camera in full HD 1080p.
- Integrated with matte painting background provided by Digital Domain as a full 360 degrees environment sphere (12K x 6K in resolution).
- Added a subtle fake refraction effect to the investigator's glasses.



Speed Racer - Luxury Box (second)

- Close up shot from the same sequence as the shot above.
- The crazy diamond defocus convolution in the background was a stylistic design choice from the Wachowski brothers directing.