

1. Please write about an interest or activity that has been particularly meaningful to you

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I am particularly interested in building scenes from scripts of science fiction or movies. The building process sparks my imagination because I have to visualize what was in the movie or fiction on paper before building. As I indulge myself into the building process, I can even create another scene to be part of the story board sometimes, the creative process goes on. In addition, I also enjoy very much the photo shooting and editing part when building the scenes, which hones my problem solving skills and craftsmanship. However, I am limited by the kinds of software that I have at home.

Below is a showcase of how I capture the first 3 minutes of movie Terminator 2 and rebuild the scene in the context of Star War.

Story Board Concept:

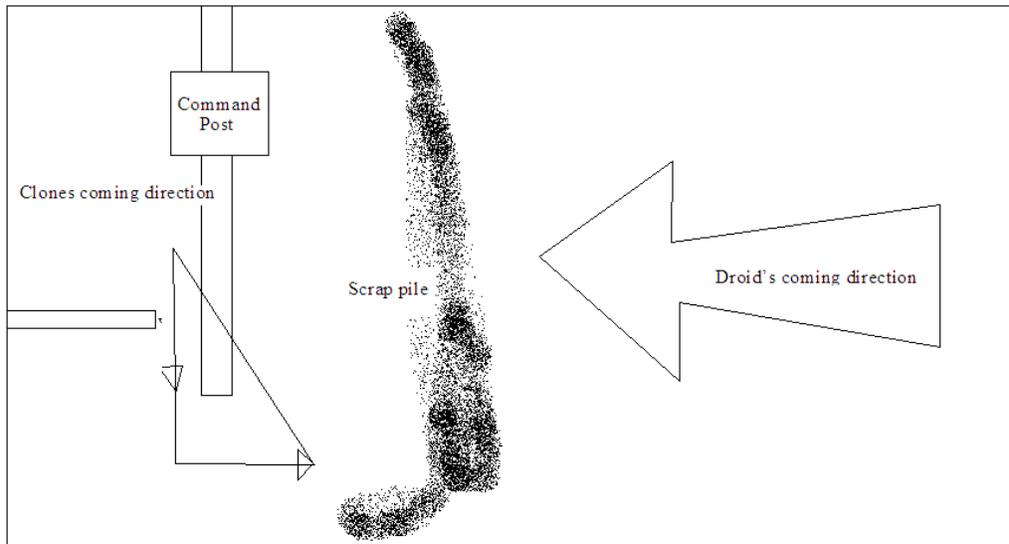
Character List:

For each picture, have 2 parts: First, describe what's happening, characters involve; Second, tell us which skills you use: script writing, photo shooting or editing? Any challenges come across? How did you overcome the challenges? What's interesting the process

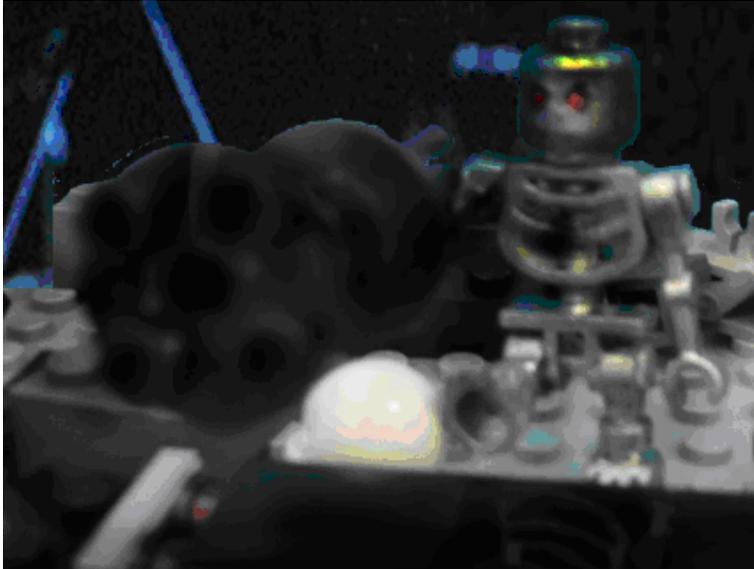
Camera on destruction of a destroyed Arc fighter pilot, skull only

Camera later zoom out, taking a greater view of destroyed Republic vehicles

Fades and goes to a place with pipes, broken house holds with Clone helmets, skulls lined on the sides, fades...



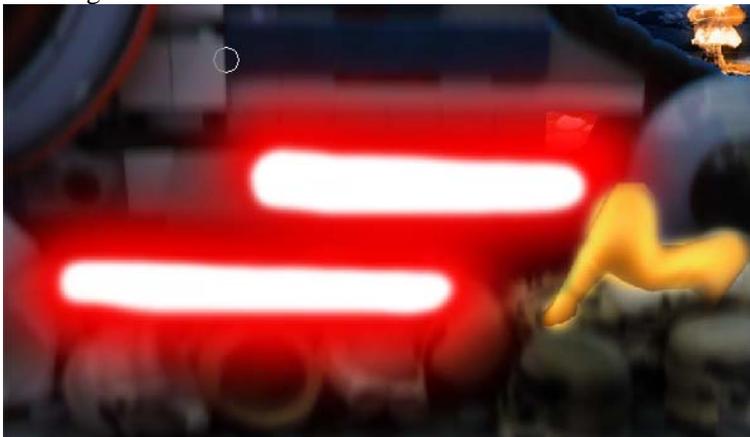
From left to right, view more destruction of the block, to more dead bodies of clones, clone helmets, then to another biker helmet with a speeder bike next to helmet that is placed nearer to the camera  
Feet crushes the helmet



**Zooms out to reveal a skeleton soldier holding a big blaster**

2 lasers shot behind, last laser hits ground and creates a small mushroom cloud  
Turns around to see the boom, with laser bolts zapping behind him and he turned from the mushroom cloud away to its left  
Lasers coming 2 by 2; 2 more lasers came behind, another 2 came behind, 2 came, single came, while droid rotates head, another 2 came,

Another camera of the Catepillar tanks' wheel, repeating laser came from side crushing clone helmets with flames behind



**Camera on the Catepillar tank's hull, 3 or more lasers shot from right bottom corner of screen**

Another several shot from behind tank

Camera to Clone soldiers rushing to battle with full of scrap piles, some explosion behind, with lasers shooting behind them

Solider running and holding blasters

Another camera of clones hiding behind the scrap piles, shooting the tanks



**A clone hiding behind scrap pile with caterpillar tanks far away from them**

Droid carrier began shooting randomly around, clones really far and hiding behind scrap pile

Camera on the laser turret of Catepillar Tank

Camera on a clone running and got shot

Could see laser going through clone, wound turned black

Camera on the Droid carrier blaster shooting from one angle to another



**A clone behind the wall, turn body to wave people to go front**

Clones in front of wall dodging explosions shooting up  
Clones on turret launches a missile

Camera on another view, a clone in heavy turret shooting at Sith Infiltrator  
Some explosion in between them  
2 private clones run across, 1 got shot

Scene with 2 droid fighters, 2 Sith infiltrator, Grievous Bomber shooting around, turning to the left side  
Behind the flying machines, 2 explosions came behind  
Clones hiding and shooting behind scrap piles  
Left side got an explosion  
1 clone running from one side to another

Camera zooms at low attitude Jedi Starfighter shoots in front at droids  
At high altitude Sith Infiltrator chases it  
Jedi Fighter continue shooting tanks  
Infiltrator follows and shoots  
Fighter got hit  
Exploded, destroyed by the Infiltrator  
Fighter turned black and broken in some places  
Rolled around at terrific speed from right to left

Angle on Skeleton soldier and a Droid behind him, both shooting  
Skeleton soldier looks at the droid and reloads  
Angle goes to the left  
Skeleton soldier walked up front carrying 2 blaster shooting at the camera  
Another camera, fallen droid, moving its limbs and head

Camera moves to a clone, walking towards the droid a clone begins to shoot the fallen droid, camera on clone

Camera on Infiltrator



**Shooting at another Walker with a heavier turret, turns 180 degrees**

Launches a missile at the bomber

Missile hit the left side of bomber

Bomber's left wing exploded and crashed landed

A dark hall way, with clones navigating computer



**A clone with robe walking in the hallway**

**Clones saluting to him**

Clones are beside him, the Clone with robe walk to the far end and looks at the war zone, uses a binocular and looks out, clones surrounds him, seemingly to protect him

**2. List three books you have read outside of school. Which one was the most interesting to you and why?**

The Brief History of Time by Stephen Hawking, Harry Potter and the Deathly Hallows by J.K. Rowling and Star Wars: Complete Cross-sections illustrated by Hans Jenssen & Richard Chasemore are books that I read outside of school, but Star War is definitely my favorite.

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The most interesting aspect of the Star Wars book is the detailed description of the different types and parts of the vehicles and spacecrafts in the Star Wars series (e.g. Slave 1, Tantive 4, etc.). Tantive 4, the boat that delivers plants and ambassadors captures my imagination the most and I even tried to build a Lego model of it by following the vehicle's interior description. [Need more perhaps on challenges in building the Tantive, did the exercise inspire other stories, did the book's description on spacecraft different from what you thought?](#)

**3. There are limitations to what grades, scores and recommendations can tell us about an applicant. Please write a 300 word (for grade 9-12 candidates) or 150 word (for grade 6-8 candidates) personal essay that will help us learn and understand more about you (you may continue on a separate sheet of lined paper)**

I am hoping to be a scientist that develops technology to enhance the quality of human life. For example, from movies Terminator and War of the Worlds (about extermination), I had the wild idea of developing some tiny machines with artificial intelligence (AI) programming to seek household pests by its own method. [Why movie related to the ideas of AI pest machines?](#)

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With AI programming, the machine can follow household pests into its nest at night and wipe them out without the interruption of human activity. I believe this is a viable technology, just like the none-man handled bombers in the United States military, which can seek and destroy its target in only several simple descriptions. This scheme was from artificial intelligence from computer games. [Need further explanation on this last sentence...](#)

To realize my dream, I am hoping to gain a better understanding in biology and physics at St. Andrews. Biology will help me understand the physiology of different household pests and adapt my machine accordingly. [What's more about St. Andrews that will help you realize your dream](#)