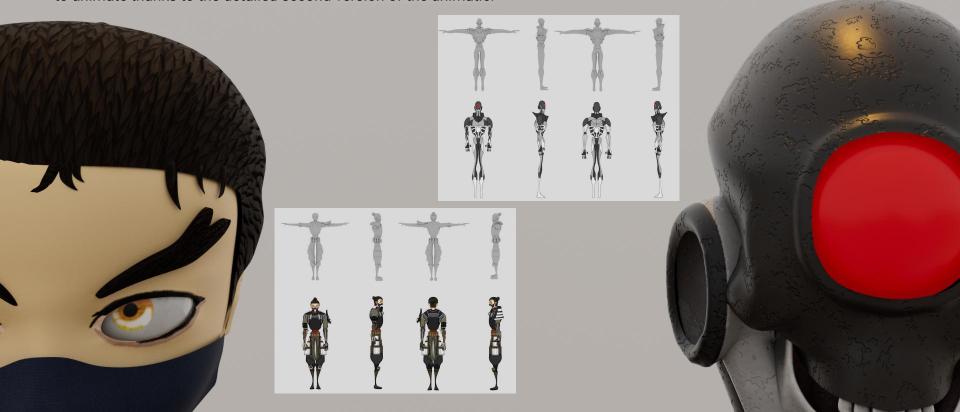


# Major Project: Traditional Vs Technology By Ronnie Leah

#### **Goals For The Major Project**

At the end of the Minor project, I had completed the redesign of my animation story and characters and applied my ideas to create a Pre-viz which depicted the events of the second iteration of the animatic. I then set myself the goal of completing the texturing, rigging/skinning, final modelling of the environment, animating, lighting and editing for the Major project. I had a lot to complete however had a solid foundation to continue from, having modelled the final version of both the characters and a clear guide of how to animate thanks to the detailed second version of the animatic.

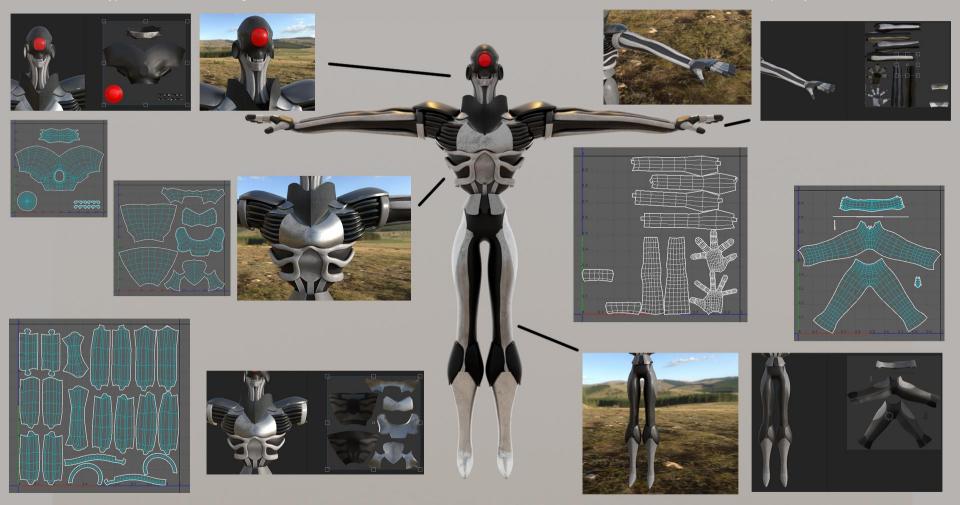


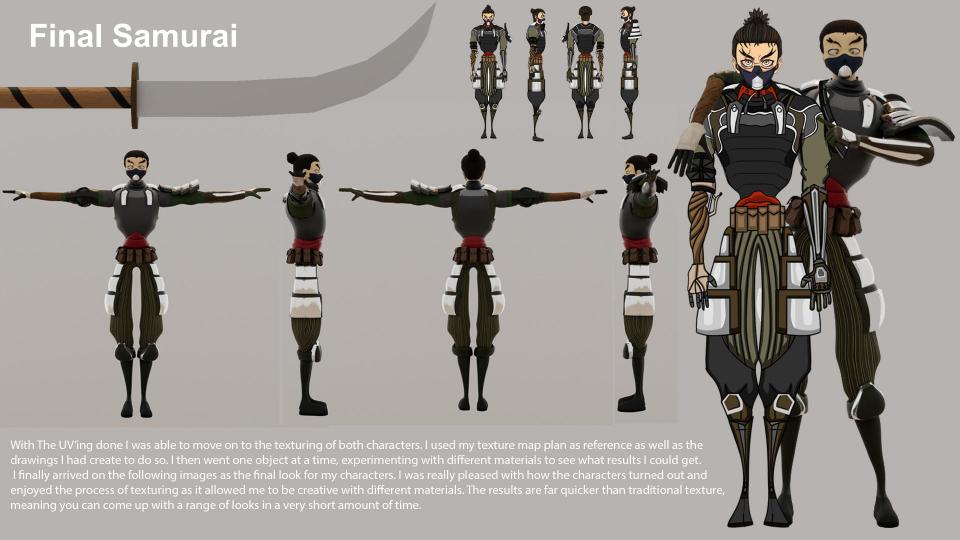
that I wanted to see what both character would look like fully textured.

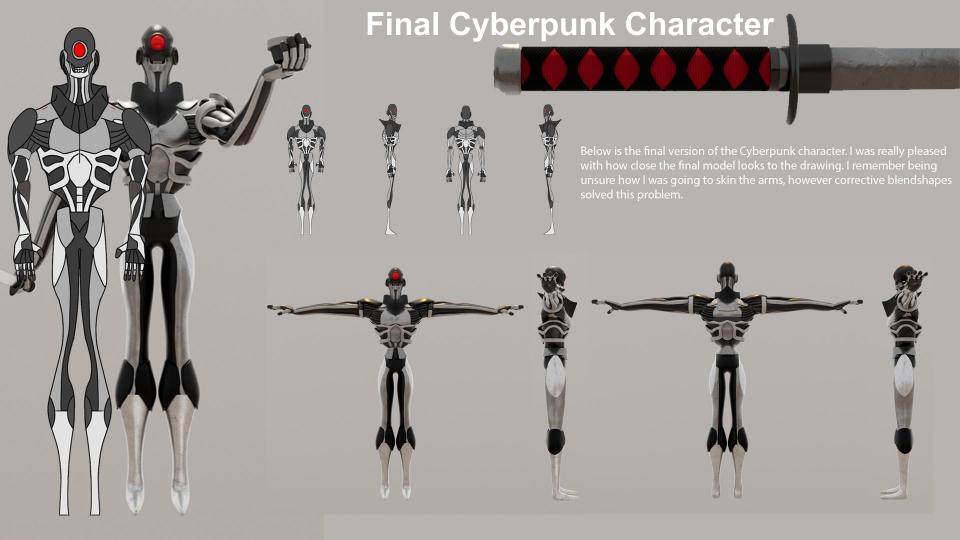
After Uv'ing the first model I quickly learnt that if an object was made out of a cube, I could simply select the same 7 edges and it would unwrap in a clean way. This could be used on a surprisingly lot of the geometry, even the models that were not necessarily made from a cube. As I wanted to see the full characters textured, I went from texturing single parts of the model to importing the whole thing. I instead set each part of the model onto a layer by applying different coloured materials in Maya and naming them what I wanted the layer to be called. I split the model up based on the arrangement of its UV, trying to fit as much as possible on a single UV tile. Substance would then recognize the same colour objects as being on the same layer. This allowed me to get on with the texturing process.



I then followed the same process with the Cyberpunk character. This was a lot easier the second time around as I could just copy my previous workflow. I really enjoyed experimenting with the different types of metal in order to get different looks for the character. I feel that the textures make this character stand out a lot more, especially in the face.



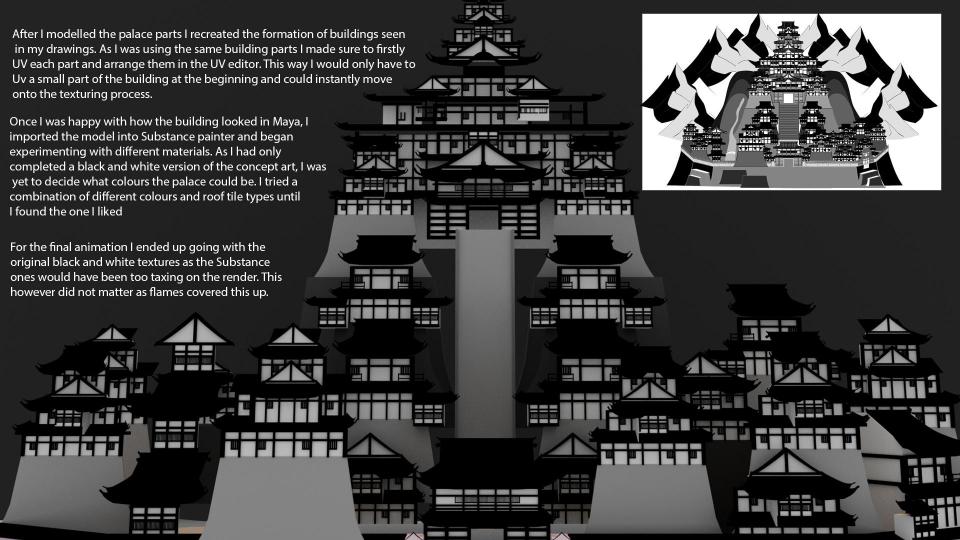




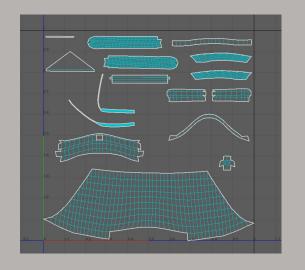


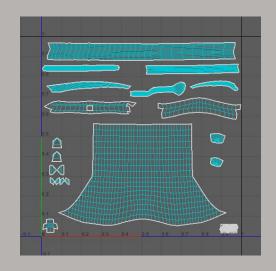
For this reason I decided to model the Palace in the same way in which I drew it. I modelled different types of roofs and walls. Then constructed each style of building with the appropriate parts. This however only needed to be done for the front of the building as this is the only angle the palace is seen from. This will help to save on rendering and model time.

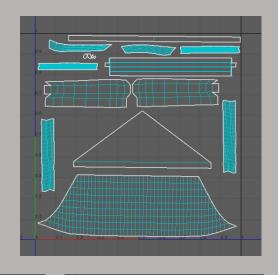


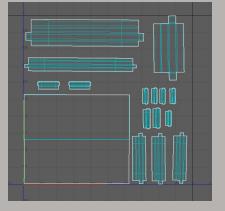


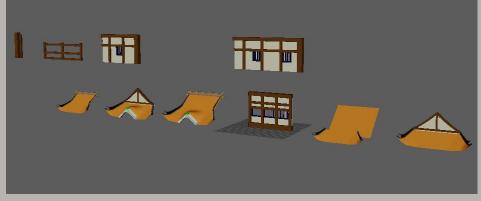
#### **Environment UV + Texture**

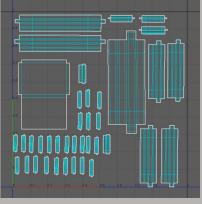






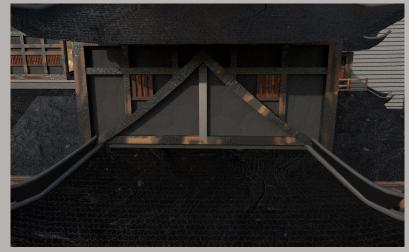


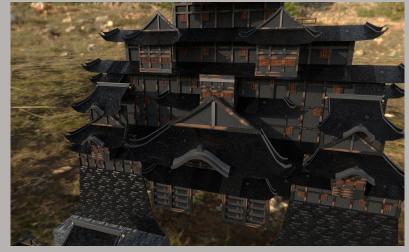




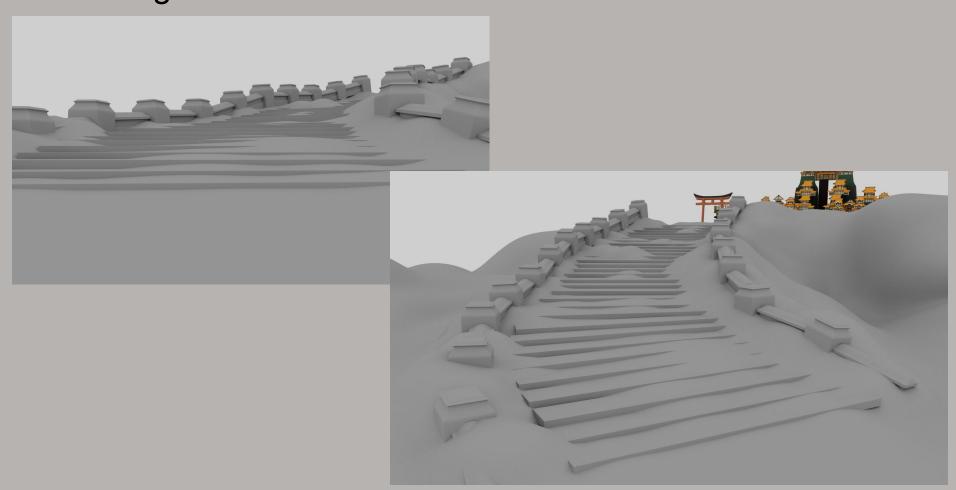
#### **Environment UV + Texture**

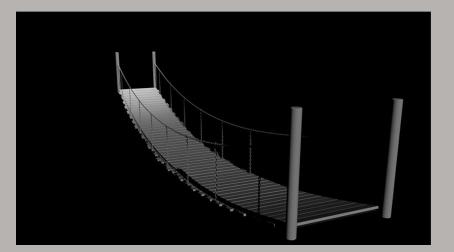






## **Revisiting Environment**





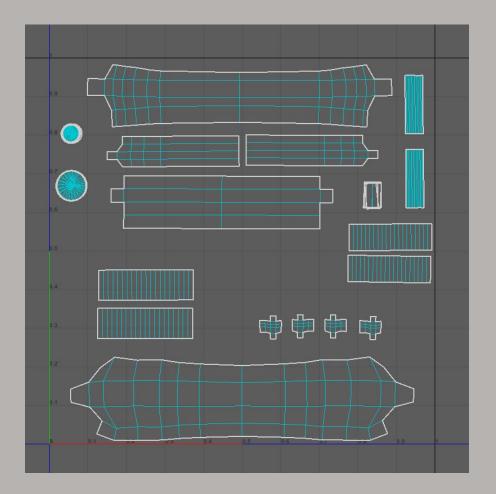


# **Scene Objects**

There were very limited objects in the scene as my project was charactr focused



#### Environment UV + Texture





One of the main plot points I had yet to the Japanese Palace. In the story the Samurai has been betrayed and what is left of his world is set on fire. This is quite a bit plot point in the animation so I knew I couldn't just skip it. After thinking it over I remembered Maya has a content browser full of premade objects and effects. As I was running out of time I decided to give it a go to see if I could get this problem different effects Maya offered, I decided to go with their fire.smoke effect. I started with small flames which looked okay, however wasn't quite relaying the drama of the scene. I then decided to add two more additional fire.smoke and increase the size This resulted in the shot I managed to create below which I am really happy with

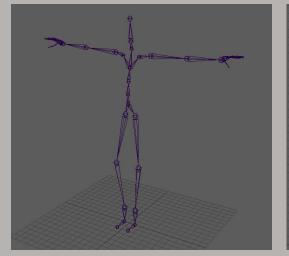
From this point on I decided to make the directional light orange, further conveying that the Japanese Palace is on fire.

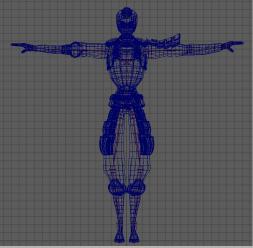


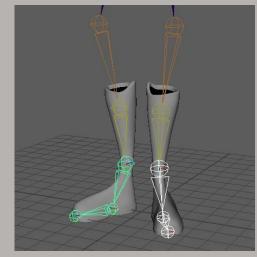


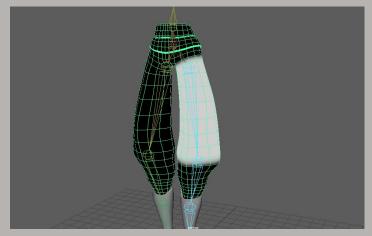


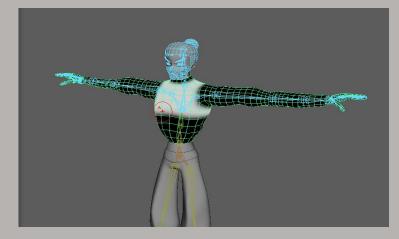
### Samurai: Rigging + Skinning



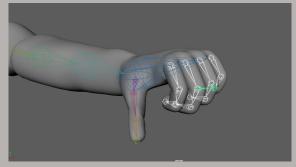


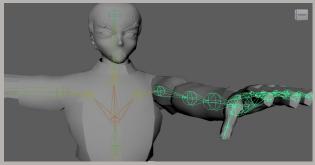


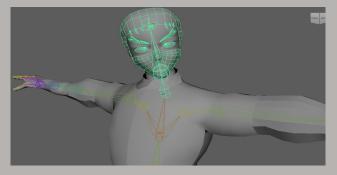


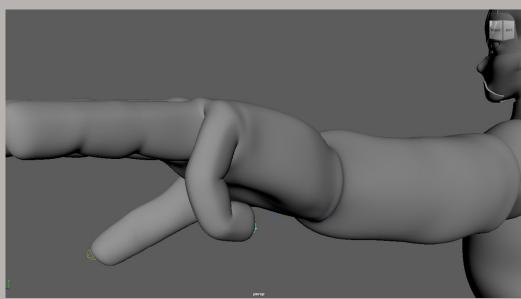


### Samurai: Rigging + Skinning



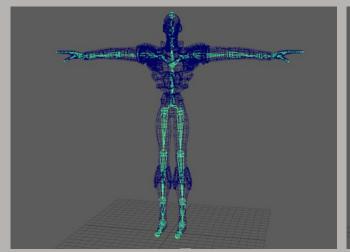


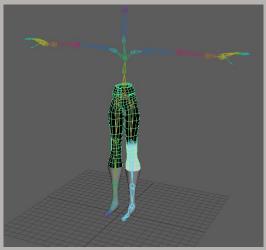


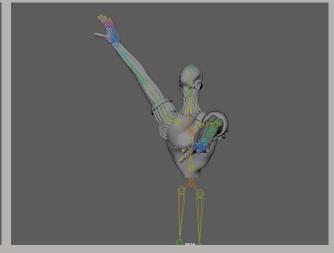


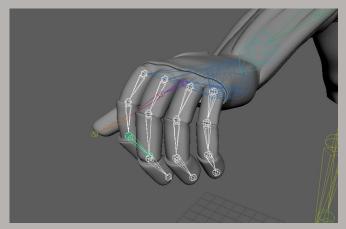


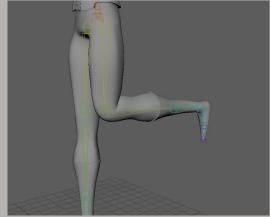
#### Cyberpunk Character: Rigging + Skinning

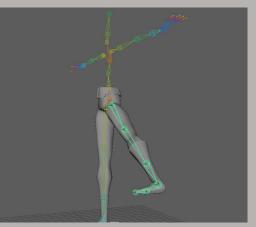




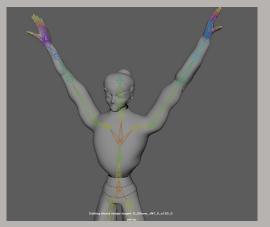


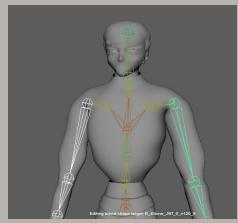


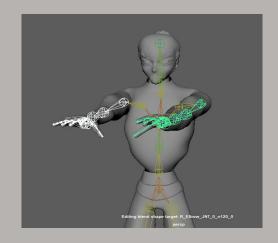


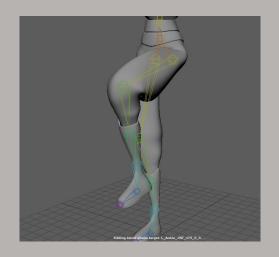


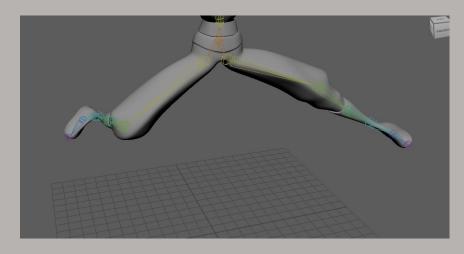
#### Samurai Character: Blend Shapes











#### Cyberpunk Character: Blend Shapes

