

Roman Karoly

3D Rigger

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Flying Fish



Responsible for rigs

Flying Fish is my first creature rig for something outside of school! The spine is driven by an IK spline with a sine curve, giving the animator the ability to control the speed, wavelength, wave scale, time offset, all from sliders. Spine can also be controlled via FK blended with IK movement.



Bracelet & Necklace



Responsible for rigs

Bracelet & Necklace was the other bit of rigging for the new Taylor Swift music videos. Tasked with rigging a bracelet & necklace, I used a blend of IK spline curves and FK controls. Animators could easily get desirable curves with specific tweak controls if needed.

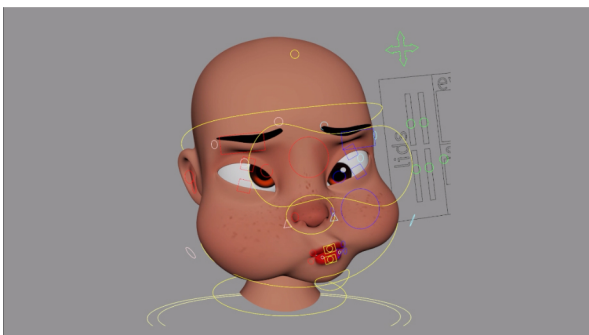


Daddy Goro Feet



Responsible for rig

Daddy Goro Feet is how the dad in our short film *Goro Goro* is mostly portrayed, like in old cartoons. Animators needed a foot rig with many specific “fleshy” controls, as well as an anklet with easy-to-use controllers. Lots of time spent sculpting blend shapes for expressive shapes.

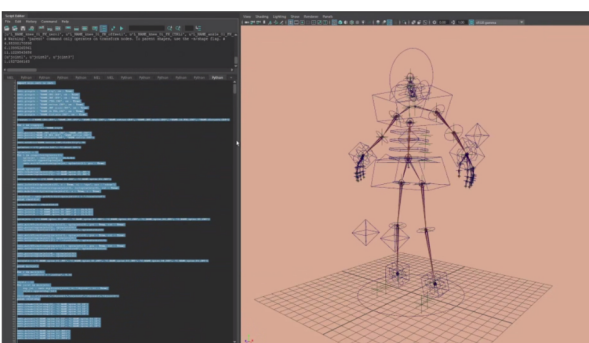


Abby



Responsible for rigging.

Abby is a character I rigged for facial rigging practice. To achieve the desired expressions, I used a combination of live blend shapes and joints. Used NURBS for eyebrow deformation. Also created a facial controller panel.



Autorigger WIP



Responsible for all aspects

Autorigger WIP is a glimpse at the biggest solo project I've ever undertaken, a full python autorigger. While not complete, it is capable of reaching a near complete state. All coding in this project was self taught.