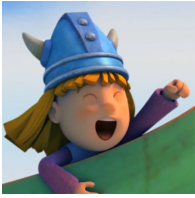


```
8
9 # init
10 me = Leon_Sooi()
11 me.rig()
12
```

Shot Breakdown – Rigging Reel [2:34]

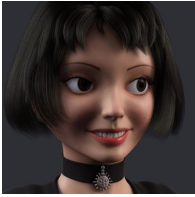
Link to reel: vimeo.com/leonsooi/riggingreel



Vic the Viking [0:03 – 0:09]

Responsible for rigging assets for the layout team

- Efficiently rigged >25 assets per week using AdvancedSkeleton
- Troubleshoot in-house rig customization tools and devise quick work-around solutions



Face Rig System [0:10 – 1:10]

Responsible for rigging and tools development

- Created an automated face rig setup with PyMEL
- Built the “Mathilda Rig” by layering additional deformers over the Face Rig System
- Designed interface for rig to be easily deployed on characters with varying proportions
- Developed “Topology-space Skinning” method – leonsooi.com/code/skinweights



E.E.K.! (Emotionally-enhanced-koala) [1:11 – 2:02]

Responsible for all

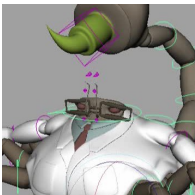
- Designed, modeled, rigged and animated character
- Implemented character rigging workflow that utilizes AdvancedSkeleton, Comet's poseDeformer, DPK_bcs (blendshape combination system) and ngSkinTools
- Developed squash and stretch feature that allows facial rig to deform with the spine
- Created animation and deformation tools with Python
- Further details on my R&D work can be found at leonsooi.com/code



Dancing Dachshund [2:03 – 2:14]

Responsible for modeling, rigging and animation

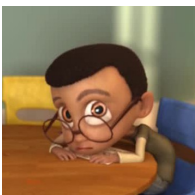
- Simulated ears and tail with nHair dynamics
- Developed “quadruped-biped switching” feature that automatically sets optimal rotation orders to help avoid gimbal lock



Dr. Albert Crust [2:15 – 2:21]

Responsible for all

- Designed, modeled and rigged character
- Implemented collision deformation using utility nodes and wire deformers
- Developed unique deformation effects using wire and sculpt deformers



Sasha [2:22 – 2:31]

Responsible for rigging and dynamics

- Developed facial rigs for both characters
- Integrated nHair and nCloth dynamics into rig
- Provided on-going support and maintenance in the animation pipeline

```
>>> repr(Leon_Sooi)
'<class Leon_Sooi at "www.leonsooi.com", "mail@leonsooi.com", "(912)335-9240">'
```