

Google SketchUp

Modeling Union University's
dormitories
and
The Clock Tower
Presented & drawn by: Thien
Sarah Hoeun

Understanding the types of models SketchUp produces

- 3- dimensional modeling software creates 2 basic types of models: solid models and surface models.
- I used the surface models to draw the 3D buildings and clock tower because they are hollow inside which made things a lot easier.
- Building models consisted of faces and edges.
- Faces- thin surfaces
- Edges- straight lines

Starting Point

- Bring in an aerial photograph of Union's new position for the dorms into the SketchUp software and start modeling right on top of it.
- Using the toolbar, I selected the necessary components to start building my models.
- Lastly, I shared my models by exporting the images then uploading it into Google Warehouse so it can then later be transferred into Google earth.
- The Google Warehouse is a giant, online repository of SketchUp models that other people has drawn and added so other people can modify them if necessary.

Components I used

- Push/Pull- makes the building in 3D
- Offset- make 3D edges
- Arc- draw the arches in the clock tower
- Line- draw the buildings
- Rectangle- the base of the clock tower
- Circle- the base for the arches
- Materials, components, layers- (windows menu)- used to add the brick texture, windows, vinyl, steps, etc.

Finishing Up

- Export into the 3D warehouse, Google Earth, and sharing your model
- Duration to uploading to Google Earth is approximately 30-90 days
- Must go through a review period

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