Old-Town Osaka Viewer on Android Device Osaka University July 27, 2012

-Sumin Wang

Progress

 Completed augmented reality application with live GPS positioning using models of buildings around the Toyonaka campus

Goals for Next Week

- Meet with creator of old-town Osaka model to discuss rendering model in subdivisions
- Add textures

Major Successes

- Taking initiative and responsibility for project
- Reading documentation, searching for information, getting hands dirty with code
- Wrapping head around multiple coordinate systems
- Wrapping head around commonly used 3d technology
- Communication

Major Roadblocks

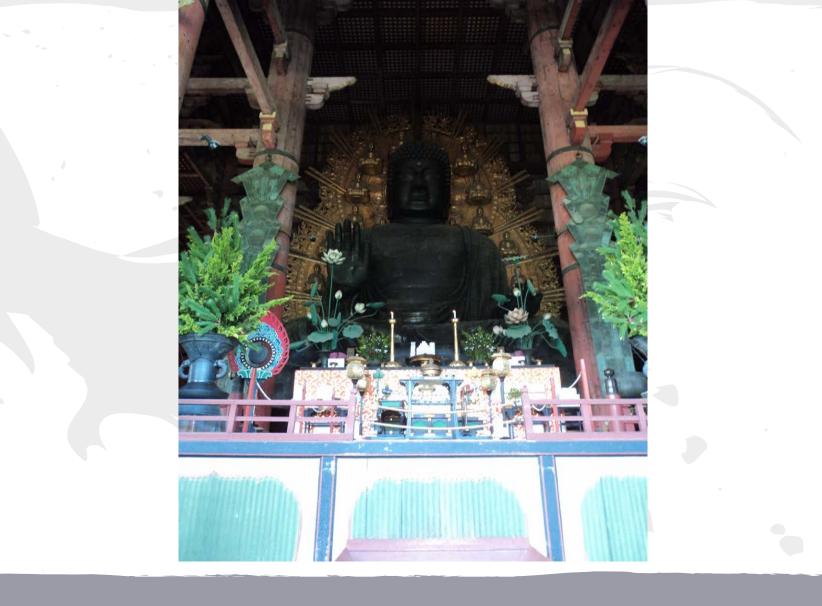
- Memory constraints on Android device
- Licensed software (\$)
- Large unwieldy 3ds files
- Lack of knowledge about 3d technology that has been developing in industry for decades
- Weaknesses in library framework in handling texture atlases
- Communication
- How to solve? Read previous slide



Nembutsu-ji Temple at Adashino in Kyoto



Todaiji, the largest wooden building in the world, which houses ...



... Daibutsu, the world's largest bronze statue of Buddha.

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