From Students…
…to Professionals

The Capstone Experience

CSAA Insurance Innovation
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Project Overview

- Recreate 3D model to analyze vehicle accidents
- Annotate damages
- Compare to undamaged vehicle
- Provide comprehensive damage reports
- Aid analysts and customers in discerning next steps
System Architecture
Video Upload System

Scene Annotation Tool Upload Center

Browse... No file selected.  Submit Query
Before and After View with Annotations Tab
Stacked View with Vehicle Info
VR Interface
What’s left to do?

• Stretch Goals
  ▪ Multi-computer sync
  ▪ Back-end UI
  ▪ Remote File Saving

• Other Tasks
  ▪ Improve model quality
  ▪ User Identity for Model Fetch (License Plate)
  ▪ Bug fixes: Rotation, annotations, etc
  ▪ Final Integrations – Back-end UI
Questions?