# MICHIGAN STATE UNIVERSITY Beta Presentation Railroad Switch Alignment Training

### The Capstone Experience

#### **Team Union Pacific**

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From Students... ...to Professionals

### **Project Overview**

- 'Railroad Switch Alignment Training' sponsored by Union Pacific
- Correct switch identification is crucial
- Set of simulations for training purposes
  - Allows for efficient repetition
  - From a safe environment

## System Architecture



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### **Tutorial Pause**

#### This is a Facing Point Switch

### Press the left or right arrow, depending on which way the train will travel.

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## Level Complete



### **SCORM** results



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## Level Builder



### What's left to do?

- Stretch Goals
  - Playback speed
  - Help page (level builder)
  - Individual reaction times

- Other Tasks
  - Ul improvement

### **Questions?**

