From Students…
…to Professionals

MICHIGAN STATE UNIVERSITY

Alpha Presentation
Navigating Campus Using Augmented Reality
The Capstone Experience
Team Michigan State University

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Project Overview

• Labeling buildings
  ▪ Currently, many buildings on campus are similar looking and labels of building names are not obvious
  ▪ By using our app, users can see a building name on top of each building and some descriptions using AR

• Wayfinding
  ▪ Navigating campus using a physical or digital map is slow because a user needs to know surrounding information
  ▪ AR tech can make navigating and exploring campus easier and more intuitive for new students and visitors by inserting graphics into the real world
System Architecture
What’s left to do?

- **Android**
  - Implement turns in navigation
  - Update text directions on screen for navigation
- **iOS**
  - Display building descriptions
- **Both platforms**
  - Update building labels while moving
  - Optimize user experience
    - Avoid overlapping labels
    - Make wayfinding path clearer for turning
Questions?