From Students…
…to Professionals

MIChIGAN  StAte  uNivErSiTy

Beta Presentation
Project Rumble

The Capstone Experience
Team Vectorform

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Project Overview

• Rumble sensor reads data from a mounted accelerometer
• A neural net predicts washer status (on/off) based on acceleration data
• Rumble sensor sends data to server via MQTT where it is stored with the devices MAC address
• A web app displays the historical acceleration data along with the predicted washer status
What’s left to do?

• Implement back tracking as an additional feature
• Explore solutions to improve accuracy of end predictions
• Add visual feedback for having no cycles in the database
Questions?