MICHIGAN STATE
UNIVERSITY

Beta Presentation Project Rumble

The Capstone Experience

Team Vectorform

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From Students…
…to Professionals

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?