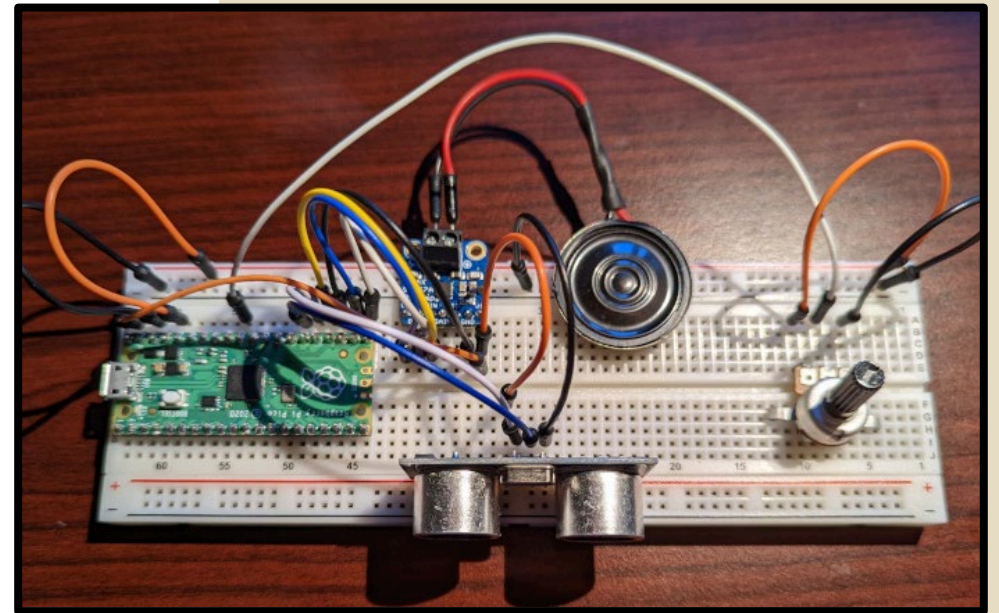


The Data Science Labs on: **Signals & Systems**

MA 34990 / ECE 39595

- Coreq: MA 349 or ECE 301 or AAE 301
- Prereq: coding in python
- Build hardware projects to explore math and data science
- Explore synthesis & analysis of sound

One credit / once a week
Weekly lab reports
No homework, no exams
Possibility to earn honors credit



Build a theremin using an ultrasonic sensor

For more information: <https://www.math.purdue.edu/~kthood/DSLabs.html>
or email Dr. Hood at kthood@purdue.edu