Applyd Machine Learning for Engineering and Design EXPO

Come join us to see the final projects for students in the Department of Mechanical Engineering’s “Applied Machine Learning for Engineering and Design” class.

Students will be presenting their work through digital posters, videos, and interactive demonstrations on techniques from Artificial Intelligence and Machine Learning applied to various areas from engineering and beyond.

Some of the projects include:

- Robots that automatically learn soil properties (like friction) by driving around.
- Tiny robot swarms that can determine their own positions by talking with each other.
- Robots that learn how to walk and grip objects.
- Automated medical diagnosis of breathing disorders.
- Predicting how much life your car oil has left.
- UAVs that can detect and avoid incoming obstacles.
- Predicting when you likely to get into a car crash.
- A system that will beat you at Rock, Paper, Scissors, and many others.

THURSDAY, DECEMBER 10, 2015
2:00 PM - 3:15 PM
KIM ENGINEERING BUILDING ROTUNDA
FOR MORE INFO
go.umd.edu/amlexpo15