



# NSIS Free Public Talk

## Getting a Machine to Fly Learn:

Extending Man's Reach Beyond His Grasp

**Speaker: Daniel L. Silver**

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Machine Learning (ML) is the study of how to build systems that can automatically learn and improve with experience similar to humans.

Since the early 1980's there have been significant advances in ML that have affected things such as marketing, banking, manufacturing, household appliances, automobiles, medicine and health care, and most recently the Internet and mobile devices.

ML is poised to extend man's mental reach in the virtual world of the 21<sup>st</sup> century in the same way as flight extended his physical reach in 20<sup>th</sup> century – it provides the means to filter massive amounts of data, recognize complex patterns, and rapidly make difficult decisions.

Photo at right: NASA's Robonaut 2A.  
<http://www.flickr.com/photos/nasarobonaut/5161876882/>



**Monday, April 1, 2013**

**7:30pm**

Museum of Natural History Auditorium

1747 Summer St., Halifax

*All are welcome!*

Note: limited seating — first come, first served.

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