

**Titles of Projects for April 2019**

**(With Supervisors in Parenthesis)**

A Preliminary Study on the Feasibility of a 3-link Underactuated Robot  
Austin Carthy, John Copping, Samuel Guay (A. Lewis)

Model Predictive Control for Supply Chain Optimization  
Jason Benchetrit, Ted Bursey, Coby Davis, Julian Gailiunas (B. Gharesifard)

Designing an Optimizing Algorithm for Algorithmic Trading Through Reinforcement Learning  
Max Gillham, Eric Grewal, Bryony Schonewille, Yuankang Zhang (S. Yuksel)

Information Bottleneck Approach to Geometric Clustering  
Jesse Jia, Braeden Ng, Cole Thierrin, Matt Whittle (F. Alajaji)

Motion Planning in Dynamic Environments for Holonomic Vehicles  
Adam Boljkovac, Patrick Chin, Steven Lee, Jordana Sherman (B. Gharesifard)

A Simple Robot that Hops and Flips  
Kristen Dmytryshyn, Ben Maxwell, Claudia Sorgini, Connor Wilkinson (A. Lewis)

Motion Planning in Stochastic Environments  
Chris Caromicoli, Lachlan Devir, Andrew Downie, Alex Taylor (B. Gharesifard)

Suppressing the Spread of Disinformation  
Becky Brace, Tegan Dietsch, Connor

Underwater Locomotion of n-Link Bo