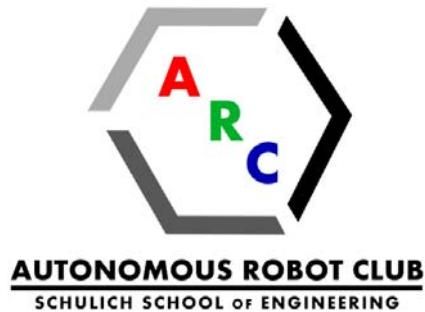
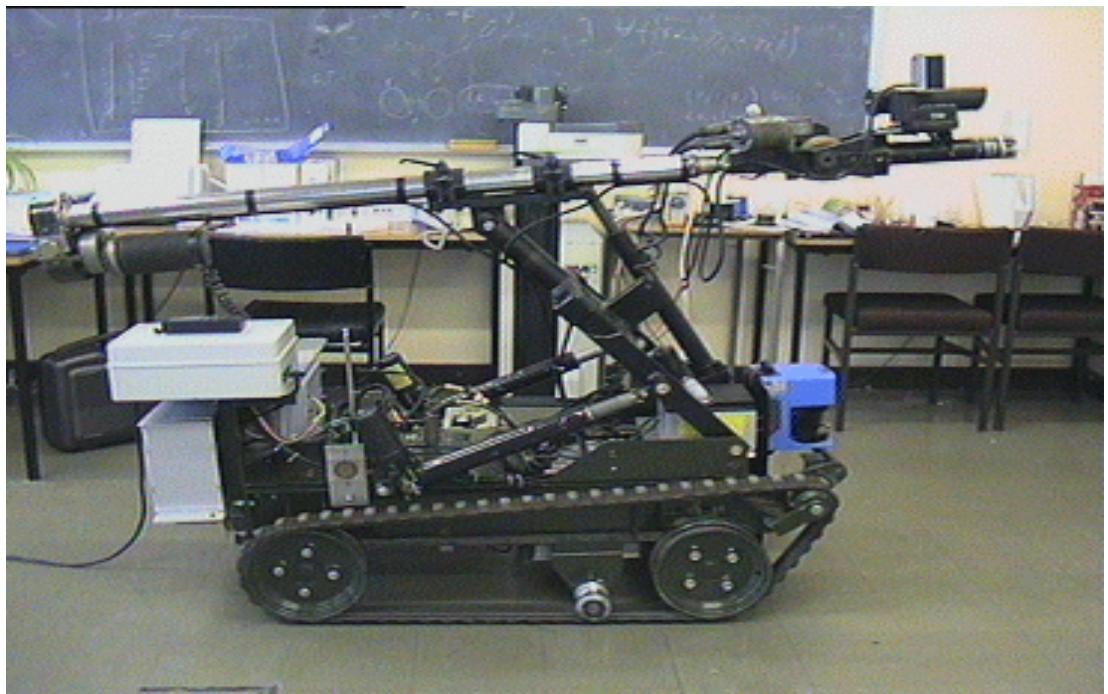
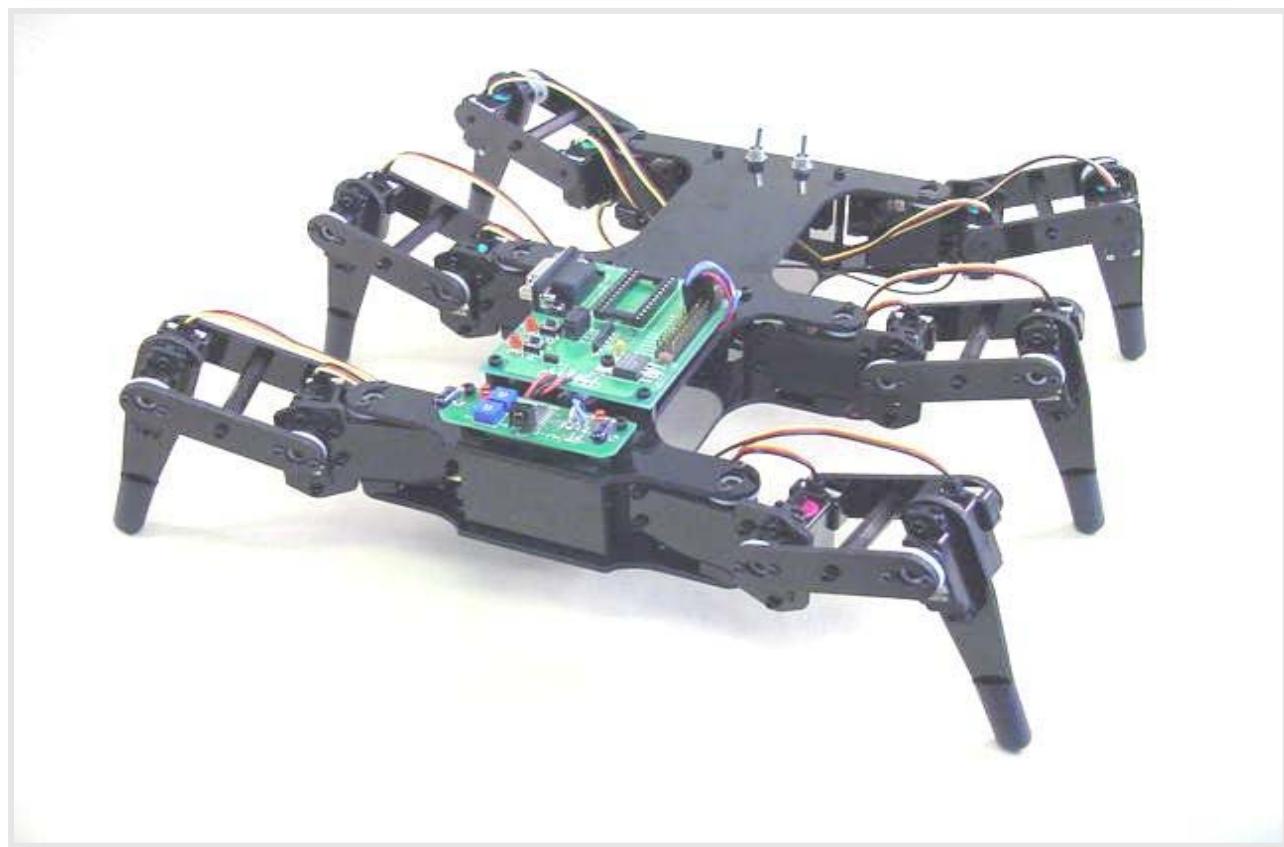
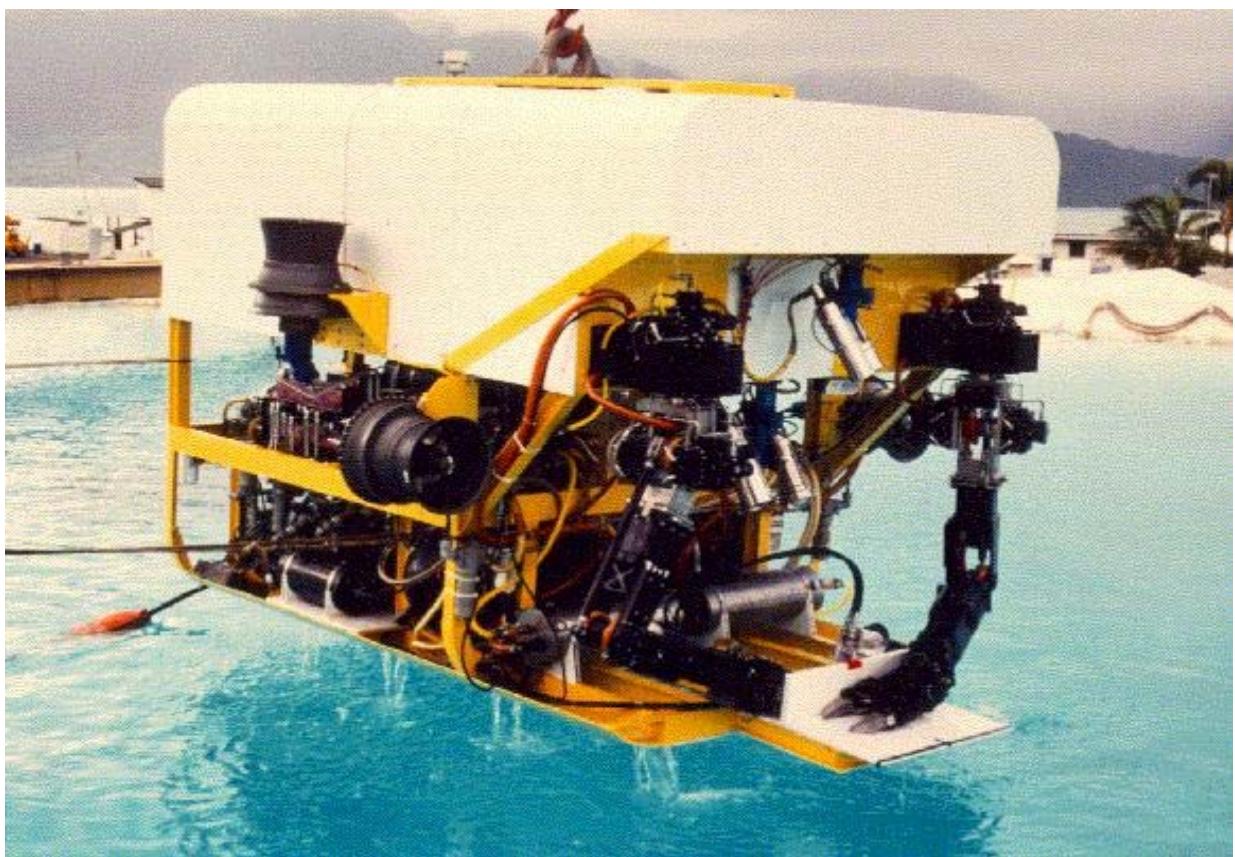
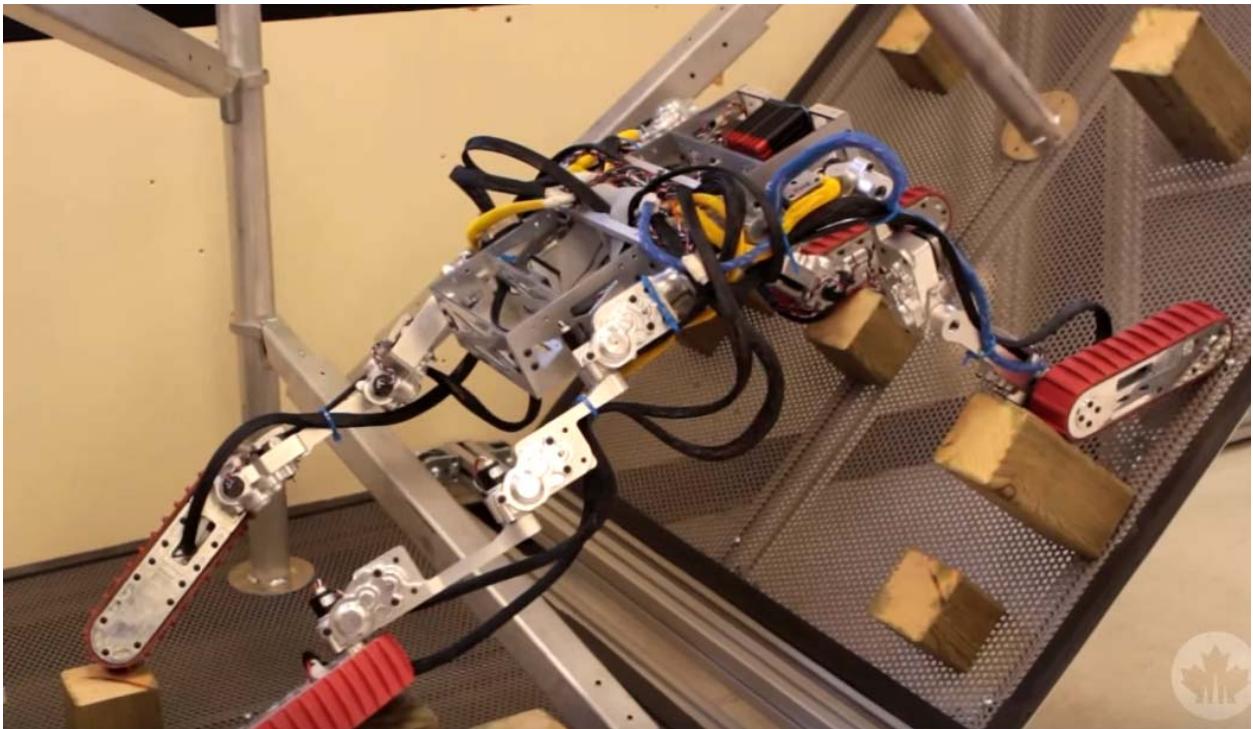


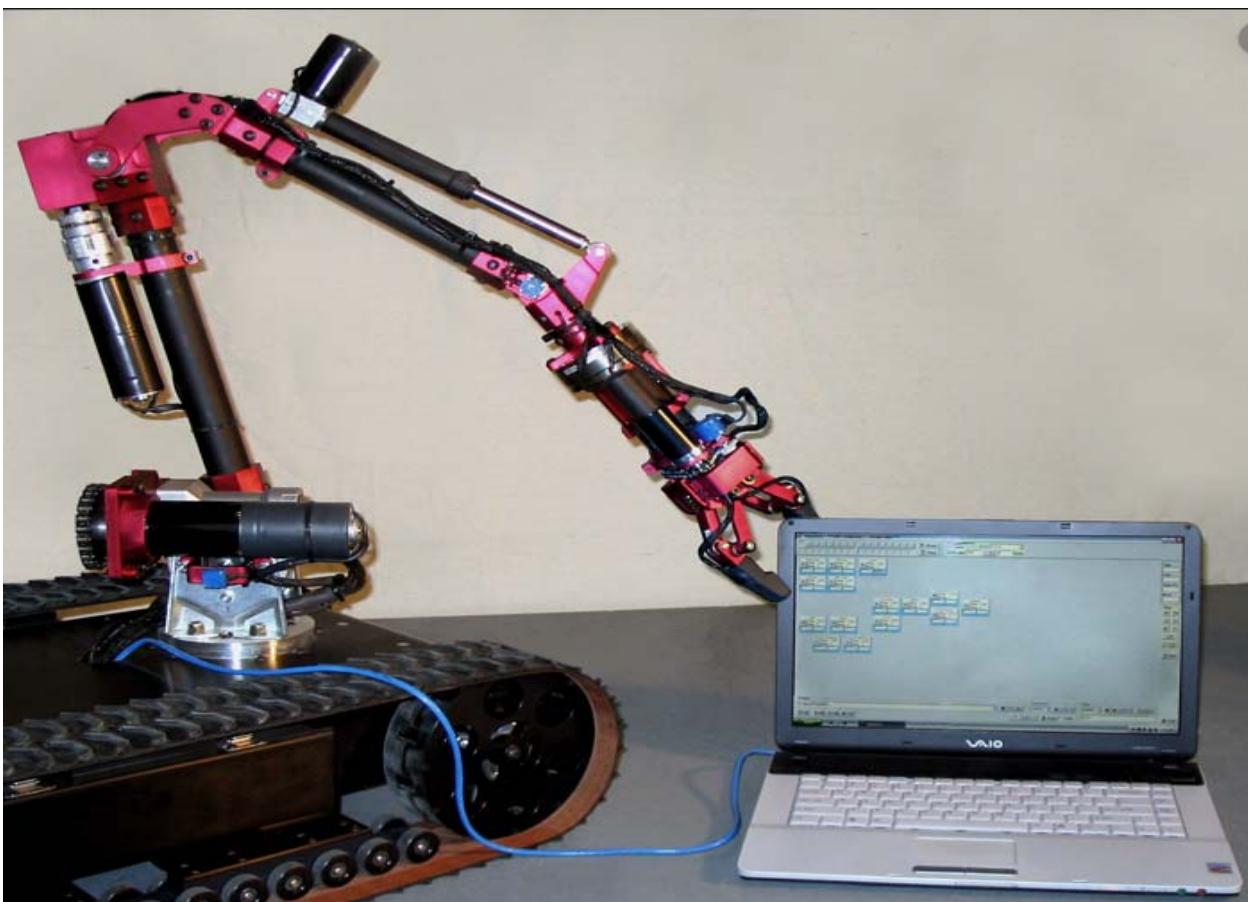
# Johnson's Robots, 3D Printing, R&D Projects



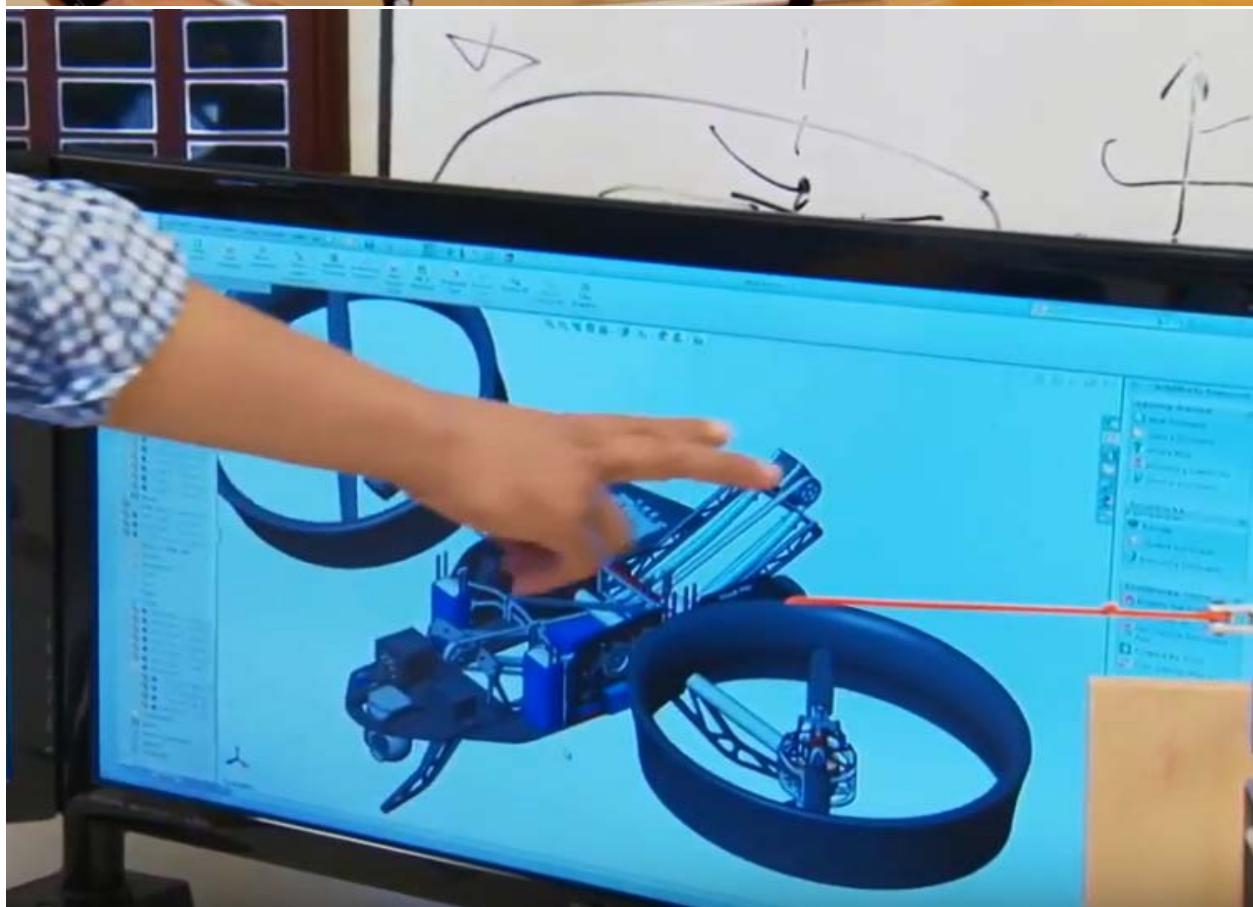


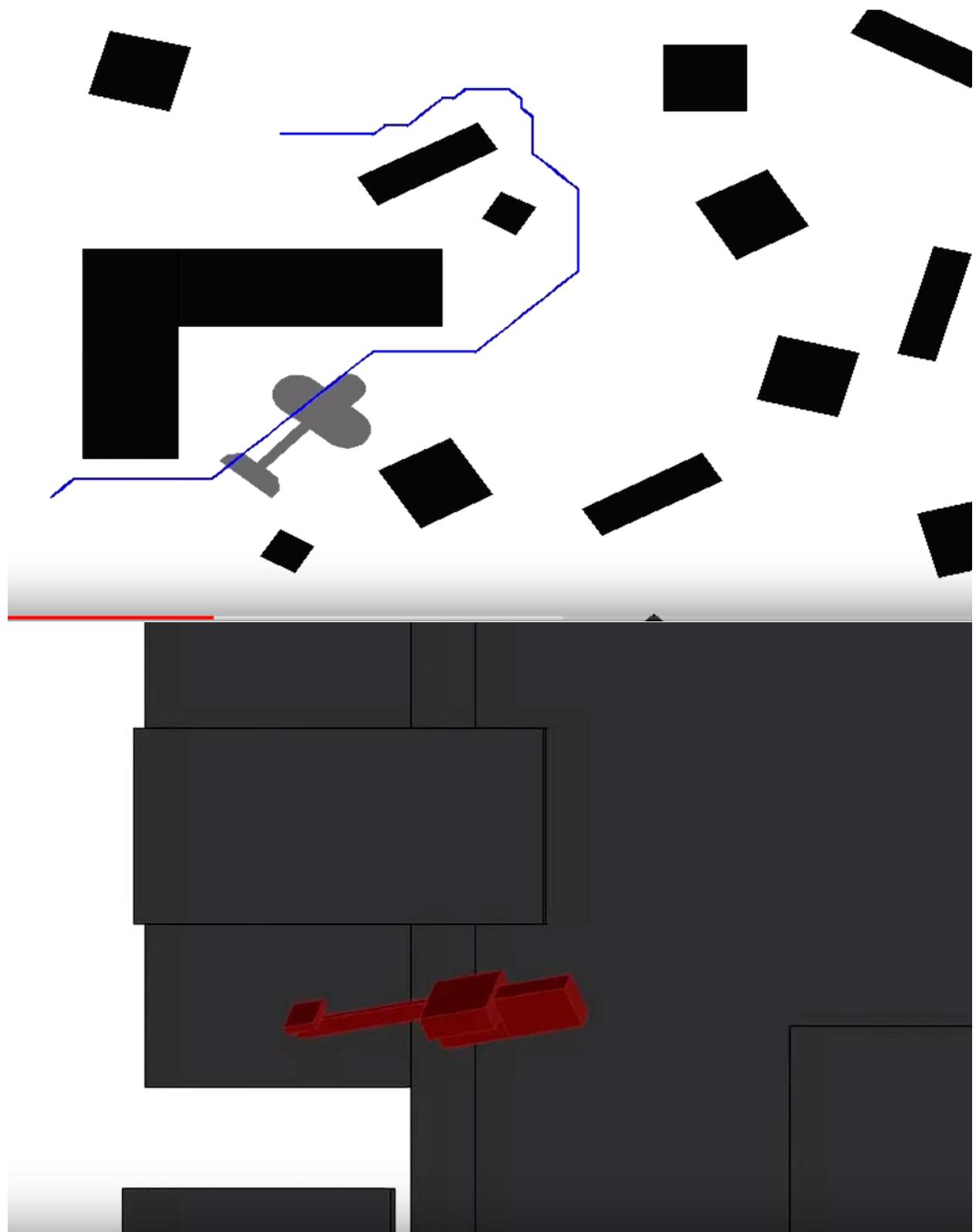






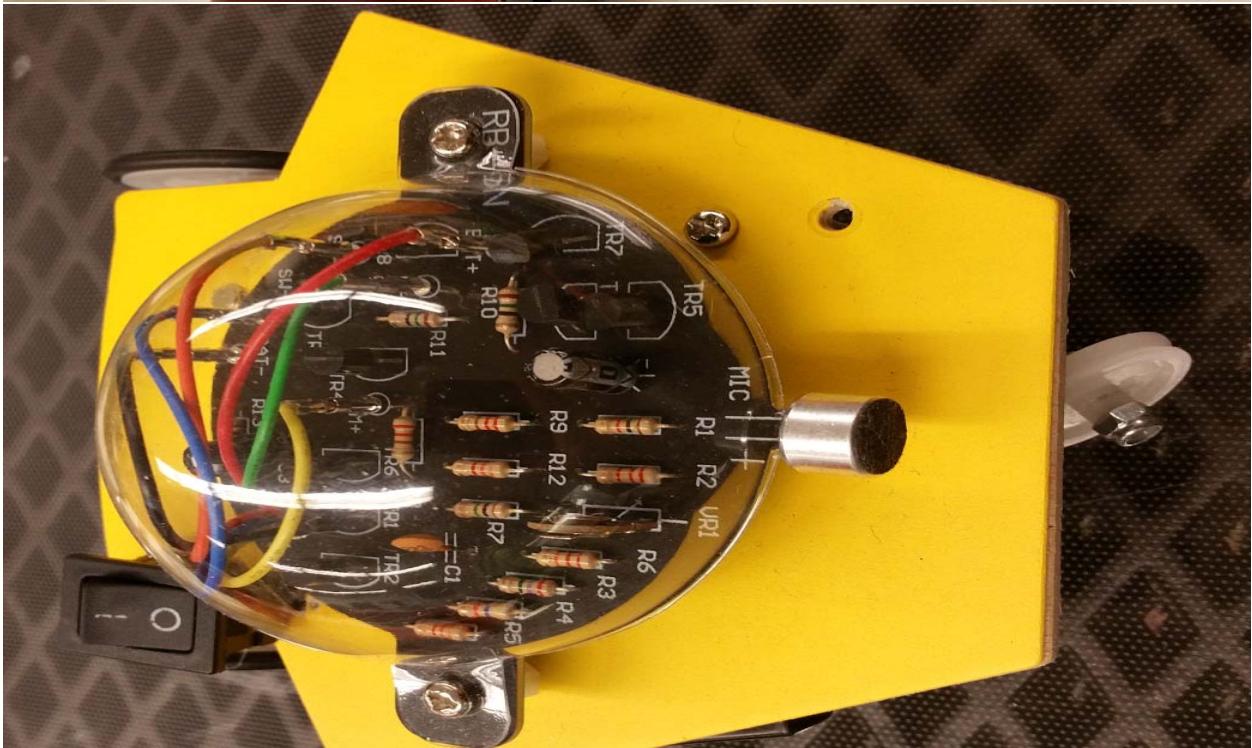


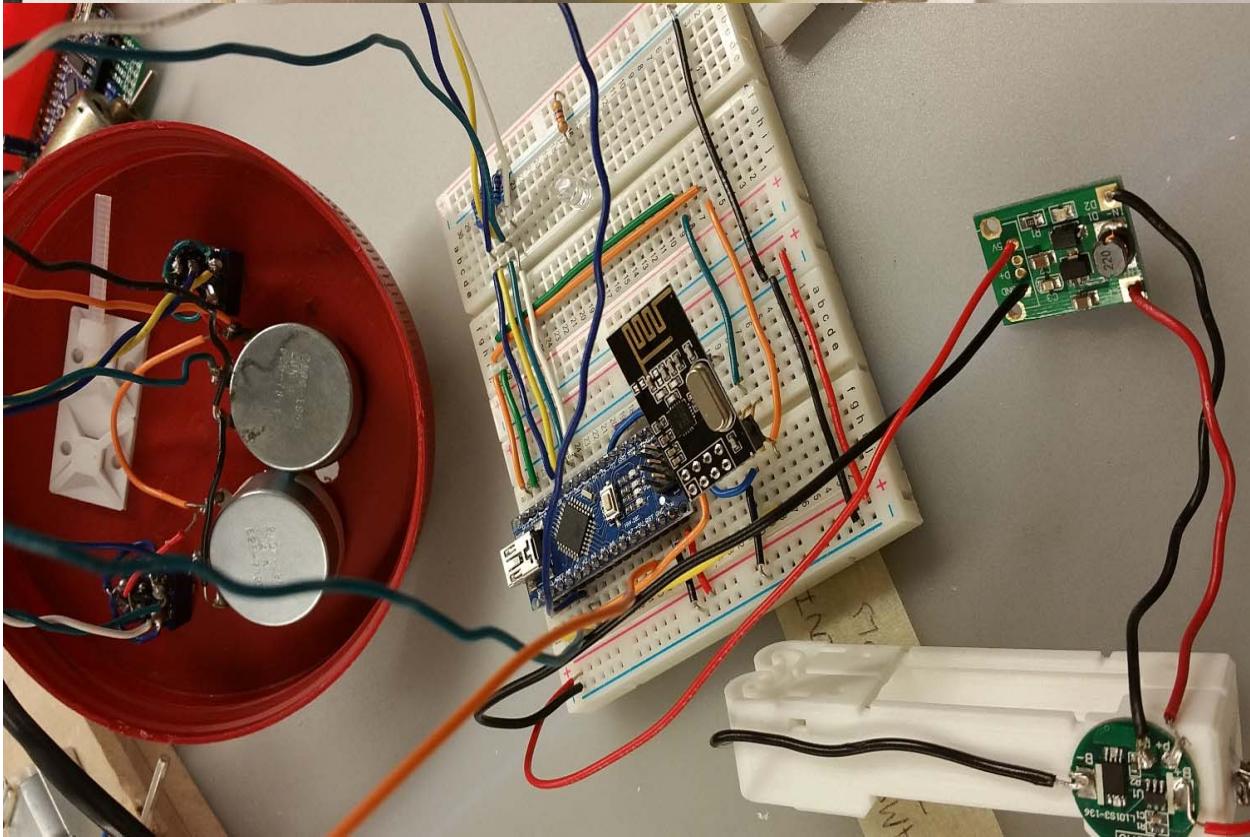
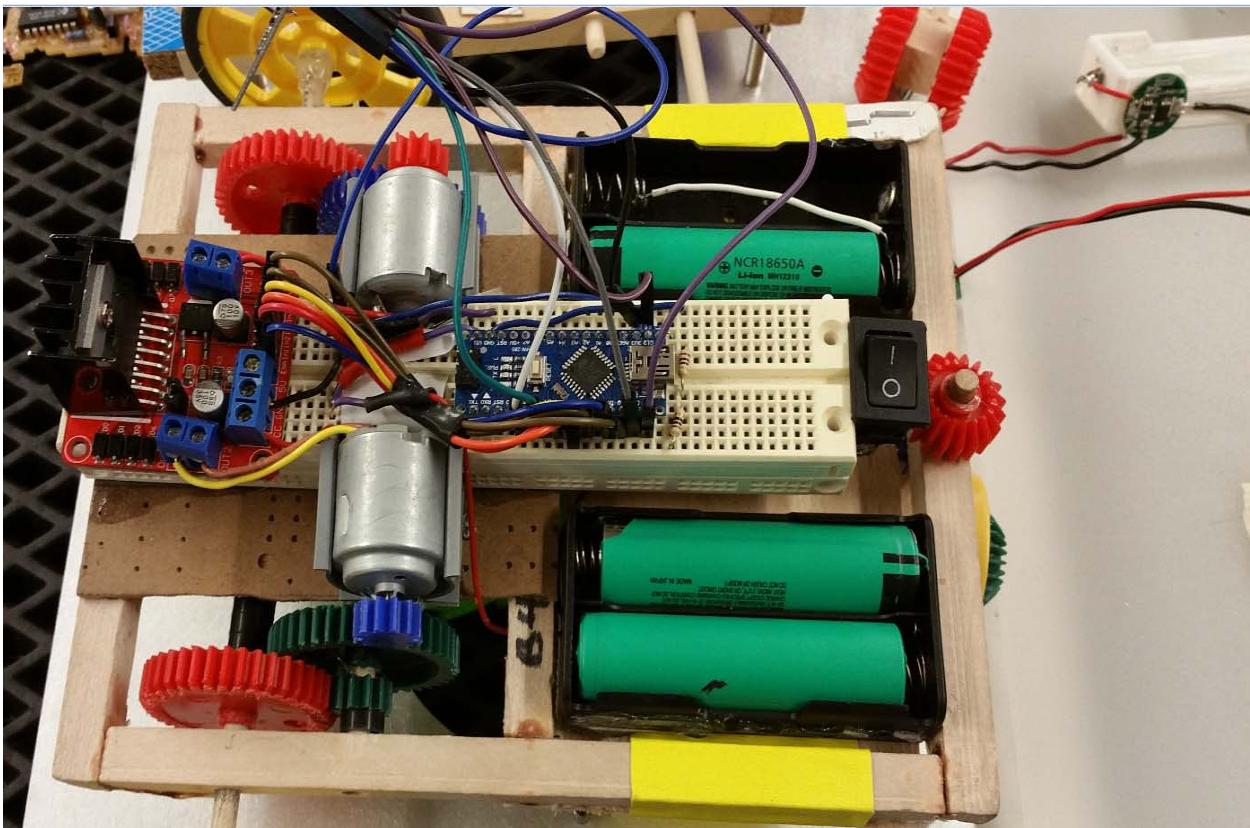


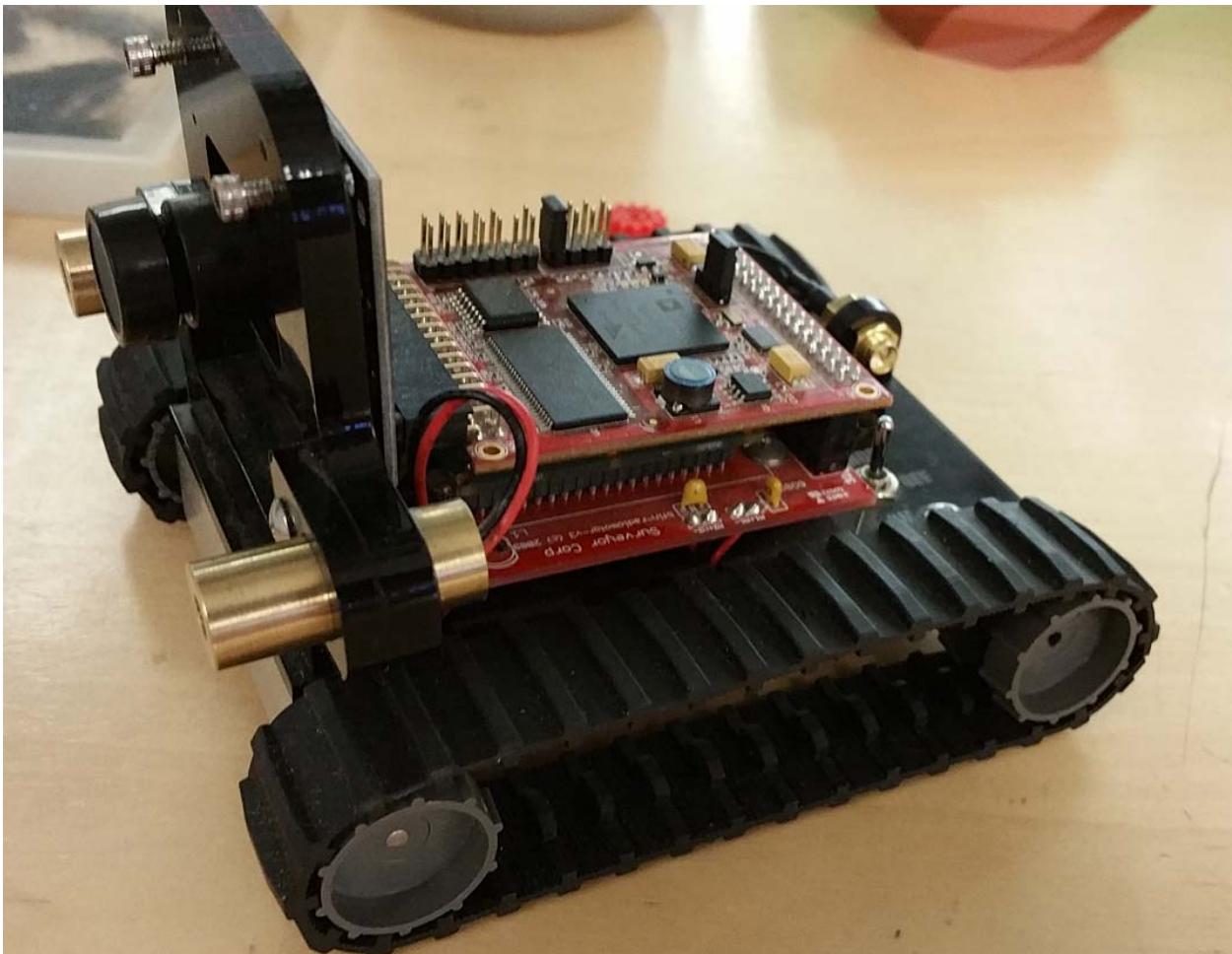




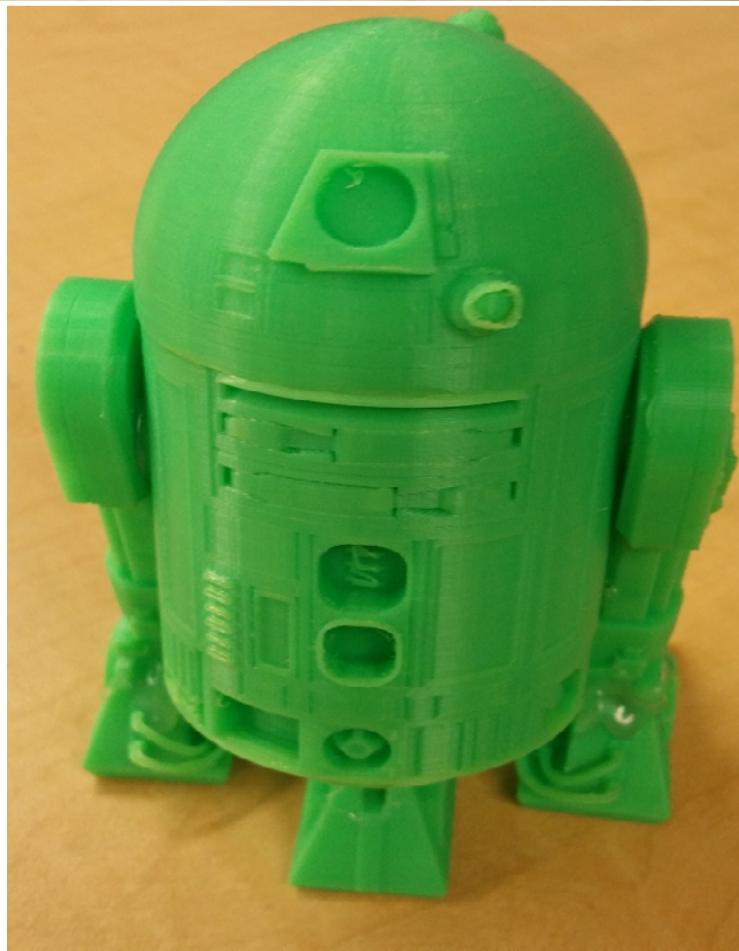


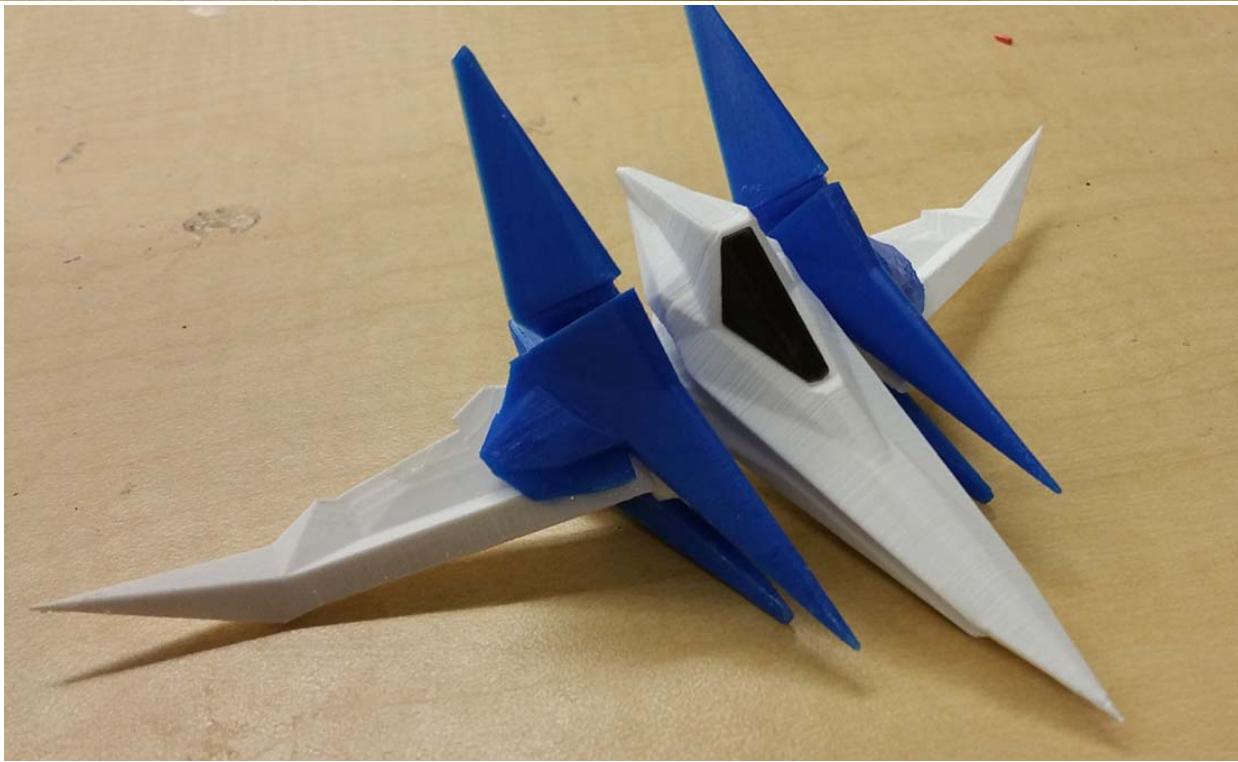
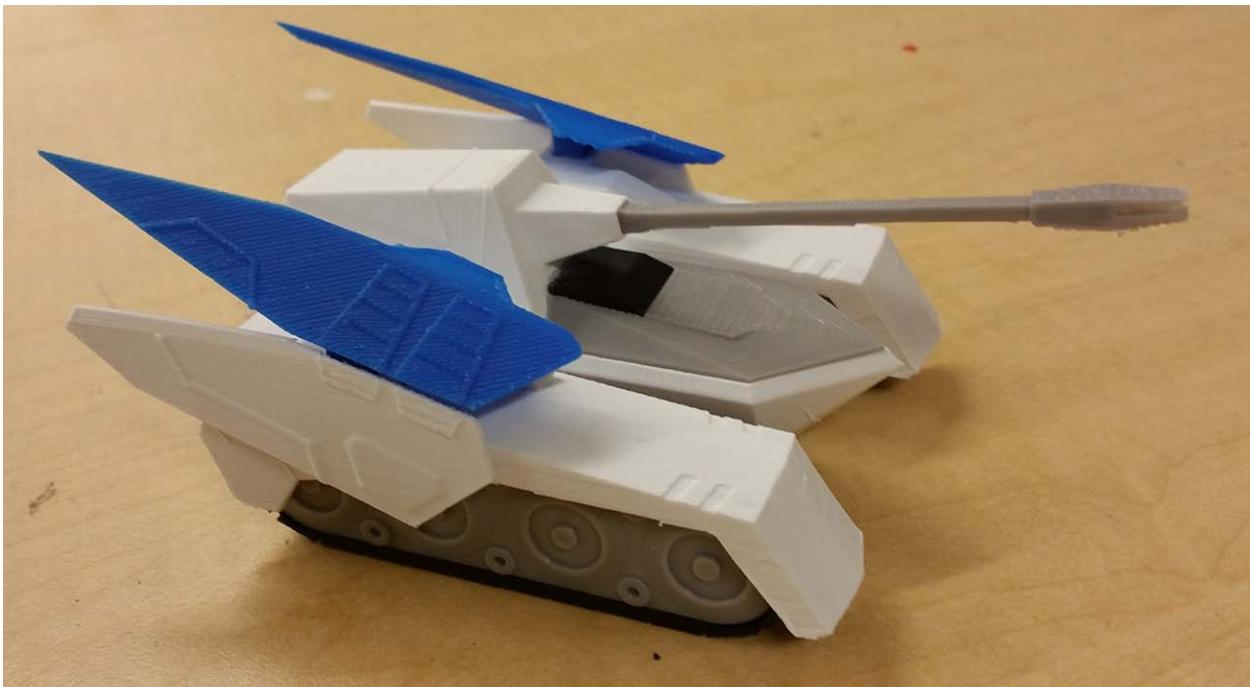


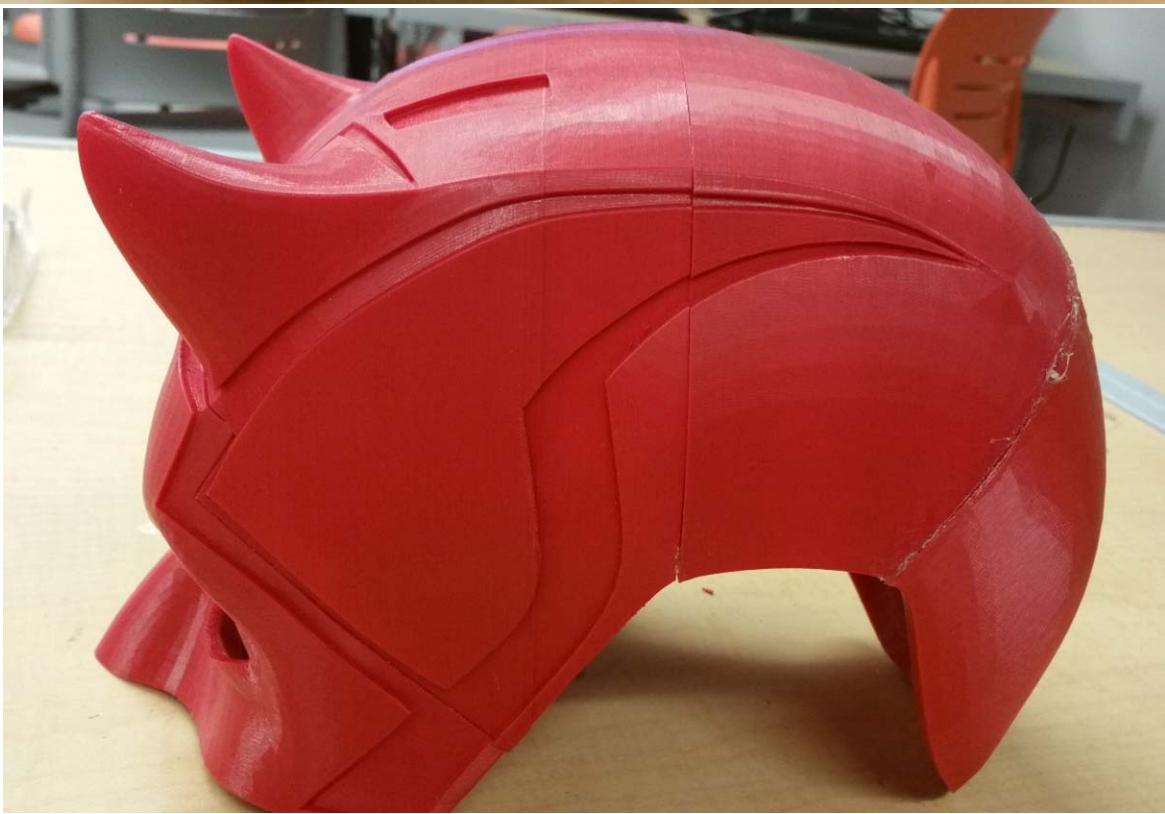




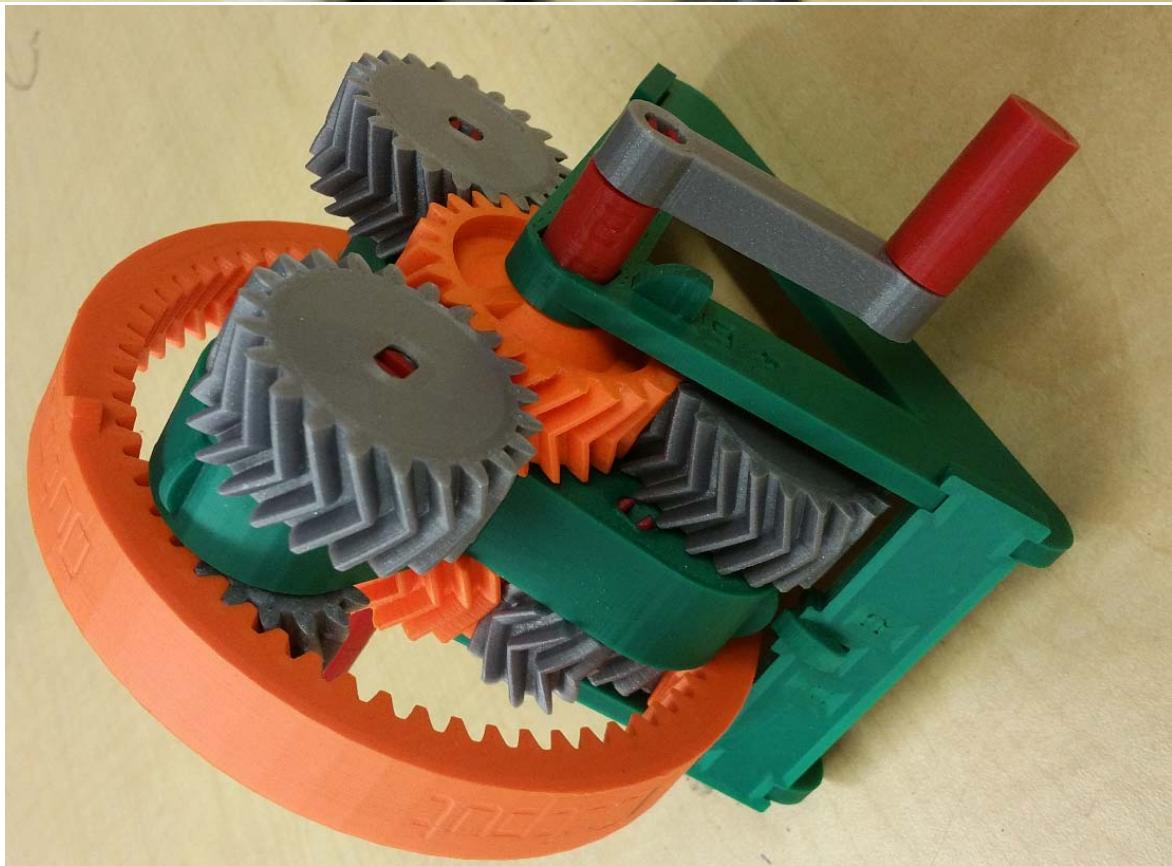
## 3D Design and Printing

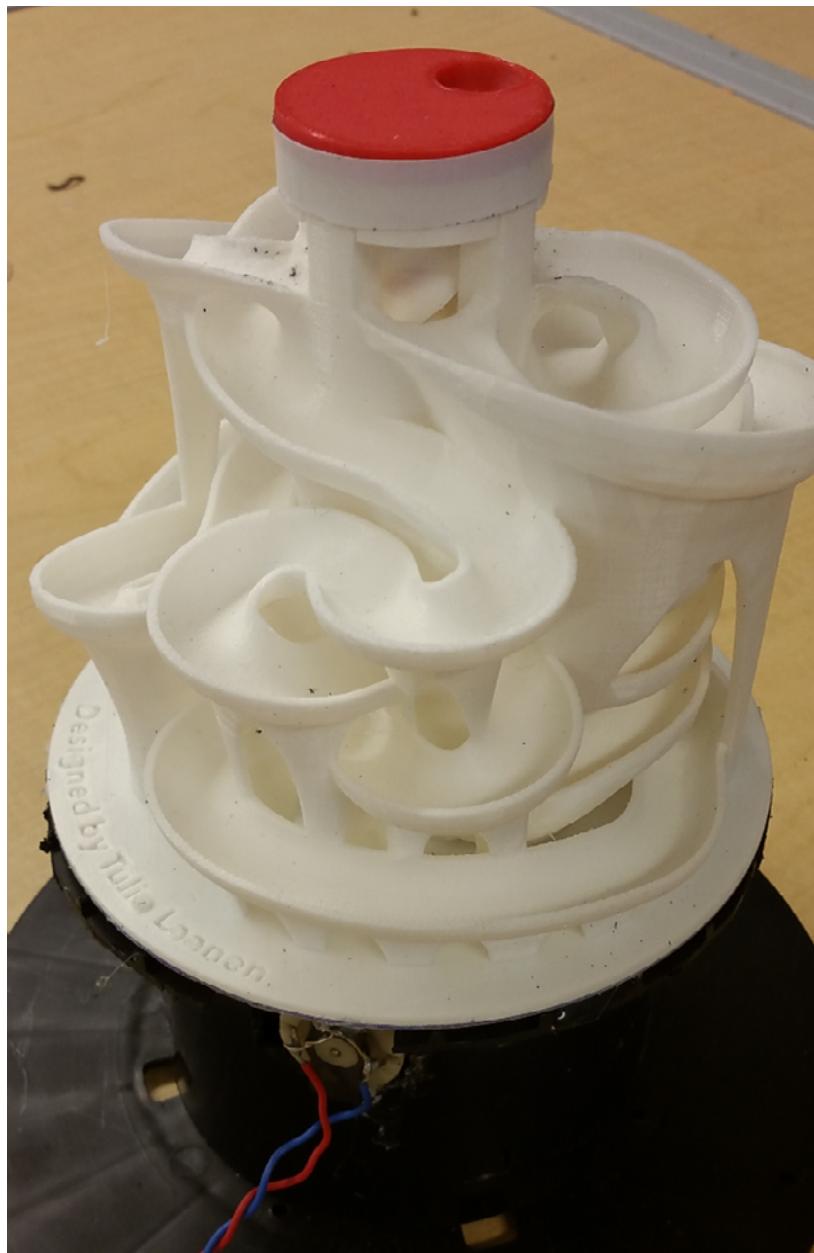












# **Robot Projects**

- 1. Automated Drilling /Completion/Workover Monitoring System**
- 2. Automated Catwalk System**
- 3. Automated Power Tong System**
- 4. Automated BOP System**
- 5. Automated Coil/Piping Injector**
- 6. Sonar Radar and Digital Display**
- 7. Automated 6 Axis Robot Arm**
- 8. Automated Sorter for warehousing**
- 9. Drones Survey Camera Gimbal / Self-Stabilizing Platform**
- 10. Robot Car Wireless Control**
- 11. Pipeline Bending Machine**
- 12. Campus Room RFID Access Control System**
- 13. Multifunctional Handheld Transmitter**
- 14. Remote Controlled Hovercraft**
- 15. Mario/Flappy Bird Game**
- 16. LED Matrix Display**
- 17. Photographer Camera Slider with Pan and Tilt Controls**
- 18. Security Alarm System**
- 19. Hexapod Spider Robot**
- 20. Touch Screen Music Player and Alarm Clock**
- 21. Smart Vending Machine**
- 22. Interactive LED Fashion Clothing**
- 23. Wireless Weather Station**
- 24. Smartphone Controlled Power Outlet Using Arduino**
- 25. Home Appliances Automation**
- 26. Hand/Body Language Guided Robot Control**
- 27. Automated Gas Detection**
- 28. Remote Control Rig Walk System**

- 29. Logging and Well Analysis System**
- 30. 3D Seismic Analysis**
- 31. Chemical Plant Process PID Control**
- 32. Optimized Steam Injection for a SAGD Project**
- 33. SAGD Plant Process Integration and Optimization**