MCHE 470: Robotics

Fall 2013 – Final Project
Possibly Useful Components

- **IR Distance Sensors**
  - 3-30cm - https://www.sparkfun.com/products/8959
  - 10-80cm - https://www.sparkfun.com/products/242
  - cable - https://www.sparkfun.com/products/8733

- **Accelerometers**
  - https://www.sparkfun.com/products/10955
  - https://www.sparkfun.com/products/11446

- **Servos**
  - 180 deg rotation range - https://www.sparkfun.com/products/11965
  - Continuous rotation (for wheels, etc) - https://www.sparkfun.com/products/9347
  - 160 deg micro size - https://www.sparkfun.com/products/9065

- **DC Motors**
  - Mini Gearmotor 100:1 - https://www.sparkfun.com/products/8912
  - Micro Gearmotor 100:1 - https://www.sparkfun.com/products/8910
  - Micro Gearmotor mount - https://www.sparkfun.com/products/8896

- **Wheels** - matched to DC motors above
  - 32x7mm - https://www.sparkfun.com/products/8901
  - 42x19mm - https://www.sparkfun.com/products/8899