

# Erik Kramer | Comprehensive Project List

*Interested in one of my other projects? Let me know and we can talk about it!*

## → ***Mechatronics & Robotic Systems***

- ◆ Mine Exploration Rover
- ◆ Portable ISAM Arm Testbed
- ◆ Virtual Reality Exoskeleton (V-Rex)
- ◆ Ocean World Lander Autonomy Testbed
- ◆ Robotic Knife Game
- ◆ Wall Perching Quadcopter

## → ***Science & Analysis***

- ◆ Lower Limb Exoskeleton Design Analysis
- ◆ Cryogenic Properties of Engineering Materials
- ◆ Microfluidic Viscometer

## → ***Mechanical Design***

- ◆ Mock Europa Sample Return Mission
- ◆ SuperCDMS SNOLAB Support Tower Standoffs
- ◆ Assistive Gripper Mechanism
- ◆ Compliant Micro Mirror Mechanism
- ◆ Ferrari F136 F Engine Connecting Rod
- ◆ Speed Reducer Power Transmission

## → ***Just for Fun***

- ◆ Mars 2020 Remote Control Rover Backpack
- ◆ Comic Convention Costume Design
- ◆ NASA JPL Pumpkin Carving Contest

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