



Enabling the Future of Motion

## **Mechatronics Intern – Paid Internship / Part-Time**

**About Elysium Robotics:** Elysium Robotics is an early-stage company headquartered in Austin, Texas, developing revolutionary low-cost, highly capable robotic systems. Our proprietary muscle-like actuator technology addresses a decades-old challenge in robotics, enabling automation for tasks current robots cannot do and humans don't want to. We are building a world-class team to revolutionize robotics.

**Position Overview:** We are seeking students and early-career professionals to join our team as paid interns or part-time employees focused on mechatronic system development. This role involves designing and building mechanical systems, integrating electronics, and programming control systems. You will gain hands-on experience with advanced robotics technology, prototyping, and system automation.

### **Key Responsibilities**

- Define system requirements in collaboration with experienced engineers.
- Design mechanical assemblies and tooling using CAD (Fusion 360).
- Fabricate parts using 3D printing and other rapid prototyping methods.
- Design, assemble, and test electronic control systems, including microcontrollers.
- Program controllers (Arduino, or similar) to operate and automate processes.
- Document insights, learnings, and operating procedures.

### **Preferred Skills & Attributes**

- Proficiency with CAD software (Fusion 360).
- Familiarity with electronics and PCB basics (Eagle, KiCad).
- Programming experience in Python, C++ (Arduino).
- Hands-on experience with sensors, actuators, and embedded systems.
- Ability to work independently and collaboratively in a startup environment.
- Strong attention to detail and a creative, problem-solving mindset.

### **Education**

- Enrolled in or recently graduated from Mechanical Engineering, Electrical Engineering, Mechatronics, Robotics, or a related technical program.

### **What We Offer**

- Flexible hours (10–20 hrs/week) to accommodate academic schedules.
- Hands-on experience with innovative robotics and system automation.
- Mentorship from experienced engineers and scientists.

**Location:** 17251 Great Oaks Dr. B300, Round Rock, TX 78681

**Contact:** Rodrigo Alvarez – [rodrigo@elysium-robotics.com](mailto:rodrigo@elysium-robotics.com), 650-283-4572