

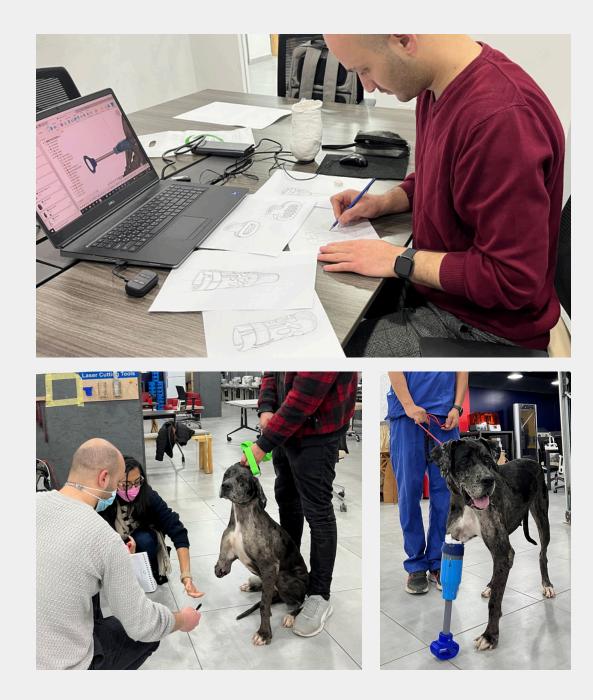
Prosthetic Leg

2022



I partnered with Petly Clinic to design and create an animal prosthetic limb, a practice that has the potential to revolutionize the way veterinarians approach animal amputation in Jordan.

I worked in collaboration with a researcher in the lab who had expertise in Biomechanics. She provided good insight into the ergonomics of the leg. **Prosthetic Leg**



I used a variety of techniques to design the prosthetic leg for the dog, including **3D scanning, creating a gypsum mold, and 2D sketching and 3D modeling.** The finished product was then 3D printed. The design of the leg allows for **easy attachment and removal,** which is important for the dog's comfort and health. Additionally, the leg is **adjustable** to accommodate for the dog's growth over time.