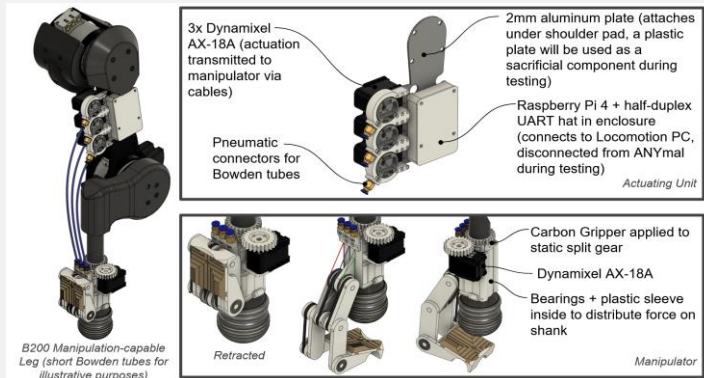


A Novel Design and Evaluation of a Dactylus-Equipped Quadruped Robot for Mobile Manipulation (2021-2022)

- Quadruped robot equipped with lightweight manipulators, capable of bimanual manipulation
- First author of IROS 2022 paper



Lightweight Manipulator for ANYmal B200 (2023)

Manipulator designed for minimal mass, moment of inertia impact on robot – work in progress



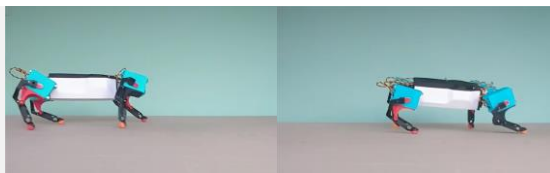
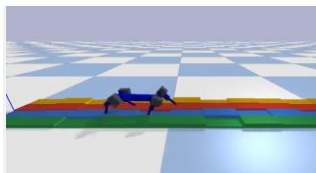
Maah (2021-2023)

- Soft social robotics startup
- Developed software, hardware, ROS stack for simulation and training



Anemone (2023)

- Human-robot dance exhibit
- 10x 1.5m cable-driven manipulators
- Developed novel manipulator design
- Designed and manufactured software, hardware in a month



Walking with 12-neuron periodic NN trained using CMA-ES (2019-2021)

- Developed software + hardware, deployed on real robot
- EUCYS 2020/21 Best Engineering Project