

Developer research assistant internship

Duration: 10-12 weeks, 15 ECTS

Period: Negotiable (between February – June 2024)

Location: Mostly TU Delft but might include visits to company DEMO (Delft), Radboud UMC (Nijmegen) and University of Twente (Enschede)

Competence: (master level) multibody dynamics, 3D kinematics/modern robotics Control, Matlab: Simulink and GUI

Activities:

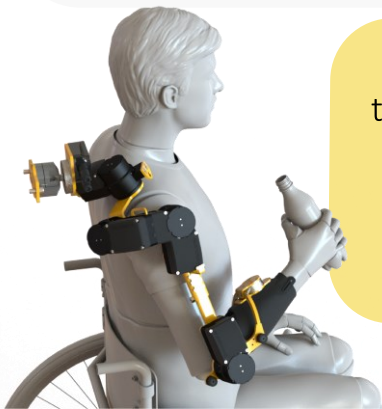
- Fine tune control of a 4DOF motorised arm support (exoskeleton)
- Test and improve GUI interface
- Set up/assist in human experimental verification test (incl. patient)

More info:

- <https://www.wearablerobotics.nl/projects/project-7/>
- <https://ieeexplore.ieee.org/document/10304707>

Interested? Please contact: s.j.filius@tudelft.nl

Don't hesitate to ask if you have any questions!



Are you interested in the design and control of exoskeletons for people with severe muscle weakness?