

## BA/SA/MA/HIWI

# Hard- and Software for Embedded Systems Of Exoskeletons

Are you a passionate student eager to dive into the world of cutting-edge technology? EASE, a start-up spin-off from the Chair of Ergonomics, is on a mission to change the logistics with our exoskeletons. Our goal is to help workers stay happy, healthy and productive by providing them with state-of-the-art mechatronic systems.

We are looking for an enthusiastic and driven student to join our team. This is a fantastic opportunity to grow your skills in both hardware and software development for embedded systems. You will work closely with our team on the heart of our system, using sensor data to control motor units, detecting user intentions and creating meaningful technical solutions.

### What You'll Do:

- Collaborate with our team to develop and refine the embedded systems for our exoskeletons.
- Engage in hands-on hardware and software development, gaining valuable experience in mechatronics.
- Contribute to innovative projects that have a real-world impact on worker health and safety.

### What We're Looking For:

- A student with a strong interest in embedded systems and mechatronics.
- Enthusiasm for learning and applying new technologies.
- A collaborative mindset and the ability to work effectively within a team.
- A proactive approach to problem-solving and a passion for creating meaningful solutions.
- English or German at B2 level (certificate not required)
- Programming experience helpful

### Why Join EASE?

- Be part of a forward-thinking start-up with a mission to improve worker health and safety.
- Gain hands-on experience in a cutting-edge field with real-world applications.
- Work closely with a supportive and innovative team.
- Develop your skills in both hardware and software development.



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