



WE'RE HIRING!

Internship Biomedical Engineer

Are you a student who likes to work on interesting and complex projects? Do you want to work at a company where you can really contribute? Do you want to join a great team? We are looking for you!

Who are we?

We are a medtech start-up that radically changes ultrasound usage by improving and innovating the way ultrasound examinations are performed. We focus on creating new and innovative solutions for the ultrasound market by making ultrasound easier and more accessible for operators. We enhance current procedures and develop new ultrasound applications by using state of the art technology. This includes wearable & hands-free ultrasound solutions.

Background:

Ultrasonography is a cost-friendly, easy and non-invasive technique user to determine muscle function. Within the sports field, ultrasound is mainly used to diagnose structural damage to muscle and to monitor recovery during the rehabilitation process which determines the Return to Play of a player. Ultrasound measurements are in general performed in a static way. Static measurements are useful, but dynamic measurements allow for more data which leads to better understanding of the muscle function during the rehabilitation process.

Assignment

Study: Biomedical Engineer intern
Period: 3 months - 6 months
Level: Master graduate, PhD or PDEng

Goal

You will work on developing an algorithm together with the department of Biomedical Engineering to track certain parameters during a dynamic exercise test. Interesting parameters are: muscle diameter, muscle fibre length, muscle pennation angle and contraction speed. The end goal of Usono is to bring this technology to market and help sports athletes.

Who are you?

- You have basic knowledge about the ultrasound field
- You think out of the box and are pro active
- You are eager to work in a start-up environment
- You are not shy of performing other tasks as well
- You are able to work within a flexible schedule
- Quick learner

Skills

Matlab, Python

Interested?

You will join a young and dynamic team, where you will have responsibilities and get the opportunity to explore your boundaries! There is a great atmosphere and we often have team activities. We have flexible working hours and listen to your input!

Are you enthusiastic? Just contact me!

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