

Thesis accompanying Internship at Omegawave

Omegawave is a growing sport technology company located in Espoo, Finland. We specialize in the development of recovery management solutions, providing athletes, teams and coaches a faster way to maximize results while avoiding injuries and overtraining. Our products are currently used by multiple Olympic Federations, elite football teams, franchises from the NFL, MLS, NHL, and MLB as well as by numerous other sports organizations and individual athletes.

Research opportunities for a bachelor and master level students:

- Compare different recovery interventions and measure their effect on the human organism via Omegawave's non-invasive DC Potential and HRV analysis. What are the most simple, effective and practical recovery protocols for DC Potential and autonomic balance (HRV)?
- Compare and validate our ECG signal processing with medical grade ECG technology
- Investigate the potential relationship between DC Potential and motor skill acquisition in a sport setting
- Investigate the potential relationship between DC Potential and psychological outputs, such as anxiety

Other tasks:

We want to contribute to your individual development. Depending on where you see your personal and professional interest, we can grant you insights into different business activities, such as:

- Helping us to develop further our daily customer communication via our social media channels and web page
- Creating marketing campaigns (e.g. newsletters)
- Contributing to our ongoing technology development and refinement
- Developing our sales channels in different markets
- Learning to interpret and communicate our physiological data to customers

Job requirements:

- Very good written and verbal communication skills in English
- Ability to work remotely (this internship won't take place in our headquarter in Finland but at the location of your preference)
- strong communication skills and interest to take given job and research tasks independently to the next level (regular communication with the Omegawave team will take place via video call)
- Positive hands-on attitude, generating own ideas and presenting it to the team
- Solid skills with MS Office, PowerPoint and Excel
- Photo and video editing skills are a must if you seek to support our communication and sales team
- Passion for sports and technology (i.e. wearables)
- Knowledge in exercise science and physiology is a plus
- Other fluent languages are a plus

What we offer:

- Insights into the fast-growing sector of wearables and sport technology
- Opportunity to join an international team of sport technology and physiology professionals
- Meaningful research work contributing to the latest fatigue and recovery science
- Free utilization of our technology
- This internship is unpaid

Internship period and application deadline:

- Starting date is as soon as possible and once the right candidate is found
- Minimum 6 weeks internship duration, independent of your thesis work and progress

Interested in joining our team? Please provide us with your full application documents (CV, cover letter and references). The cover letter should include your clear research interest and not exceed one A4 page (font 12, spacing 1.5). Send all documents in PDF format to torsten.amstein@omegawave.com. For further questions, contact us directly from Monday to Wednesday between 10-11am under +358 (0) 443 652 844.

More questions? Contact Bernhard Grässler M.A. from the University of Magdeburg.
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