ohmatex
smart textile technology

FIRMWARE ENGINEER

FOR NEXT GENERATION SMART SPORTS WEARABLES

Do you want to take the lead on our firmware development and join us in bringing our unique sports wearable to market? Then join our multidisciplinary team consisting of electronics, mechanical, biomedical and textile engineers as well as industrial, UX designers, sports science, and concept developers.

We are looking for a passionate firmware engineer who can enable our own low-power world class hardware designs. Ohmatex creates unique engineering solutions in the field of smart textile and wearables. We are extremely busy developing our own product, but our work also involves biometric sensing and micro-electronics developments for clients like The European Space Agency, renowned international companies, and fascinating start-ups in health tech.

JOB DESCRIPTION

You will be responsible for developing system architectures and embedded software for low-power sensor systems. As well as the overall software development progress and planning. The ideal candidate has +3 years of relevant experience within the world of embedded systems combined with a thorough full stack overview.

As a system architect, with a structured and proactive mindset, you are also able to organize and manage the tasks in the SW group. The group consists of 1-2 other engineers specialized in backend/cloud and mobile development who also reach into the world of FW. A solid experience with and understanding of electronics is mandatory.

You will be working closely together with our HW designer and have a natural say in all the design phases whether it is initial ideation and investigations, analysis and specification, design review or debug and testing.

Your tasks will primarily consist of:

- Developing embedded C/C++ for advanced low power sensor and SoC.
- Develop and master communication protocols - wired and wireless.
- Development and implementation of algorithms for analysis of biomedical signals.
- Design of system architecture.
- Interdisciplinary collaboration involving sensors, microelectronics, and textile integration.

Additional skills required:

- Experience in debugging electronics
- Experience in transferring theoretical mathematics into functional algorithms
- Experience with signal analysis and development of algorithms
- Bluetooth and WiFi experience
- Knowledge and understanding of machine learning Insights and possible experience with various languages as Java, LabVIEW, C#, Python, and more (not a requirement but a plus)

SOMETHING ABOUT YOU

You have a natural interest and understanding of electronics and are always keen to understand the functionality of the whole system and product.

You can handle multiple projects simultaneously under tight timeframes as well as being open-minded with excellent communication and collaboration skills. We also attach importance to your ability to work independently and acquire new knowledge quickly within your field of expertise

You are adaptable and change-resilient, working well in a dynamic fast-paced global environment, accepting new ideas and initiatives, and making positive use of opportunities presented.

OUR OFFER

We practice a flat organizational structure with a short timeframe from idea to action.

We offer an exciting and challenging job in a company that is growing within the fast-moving smart wearables sector. You will receive a good
salary and training and will be working at the forefront of new technologies for astronauts, athletes, and medical patients.

APPLICATION

For further information please contact R&D Manager Henrik
Søgaard: Tel 3089 8971.

Applications are welcomed in Danish or English by email to: job@ohmatex.dk
Please submit your application by 19 June, 2020. We will evaluate applications on a continuous basis aiming for contract closure end of June.