We are looking for an Embedded Software/Hardware Engineer who will build our sensor, control and data infrastructure.

Full time – Delft
as of December 1st (or as soon as possible)

Please apply for this job if you want to:

- Make a difference by changing the perspective.
- Be part of the 30 most promising tech pioneers worldwide and most promising start-ups in the Netherlands (according to World Economic Forum).
- Work for a company who recently secured EUR 1.5 million of external funding and a EUR 2 million EU subsidy to help fuel our growth.
- Join an enthusiastic, ambitious team full of fun and creativity.
- Enjoy a free daily lunch and weekly bootcamp.
- Work in the coolest building of Delft with a rooftop terrace and glass pavilion.

The company
At PHYSEE we have a thorough belief in sustainable innovation without compromise. Innovation which brings added value for our customers, without compromising on aesthetics, technology or costs. Holding on to this belief has led us to design and produce the world's first fully transparent, energy and data generating windows; PowerWindow and SmartWindow.

Since we focus on building a better future we are determined to expand our young and ambitious team, following the principles of our company culture, which is described as '*a place where free-spirits can flourish*' by one of our valued PHYSEEonairs.

The job
As we are growing rapidly, so is the demand for our data generating SmartSkin products. We are looking for an embedded engineer that can develop and manage our hardware tracks and simultaneously can be the architect for our back-end system. Someone that will define new ways to gather and to use data, making buildings smarter with every development. A hands-on developer who is not afraid to prototype and can turn prototypes into production ready industrial products. You will have responsibility for system design, testing, developing and launching our devices.

Your mission

- Build our embedded software & hardware stack to make buildings energy positive.
- Lead the development of our electrical hardware with exceptional attention to detail.
- Prototype, develop and build connections with third-party applications.
- Create a robust time series back-end that can scale to millions of inputs a day.
- Develop and deploy control algorithms in both embedded systems and in the cloud.
- Find innovative ways to harvest and use our data.

Requirements and skills

- Masters in Computer Science / Electrical Engineering (or strong affinity and experience with software/hardware engineering)
- Required relevant working experience: >3 years
- Proficient in Linux/Embedded systems
- Proficient in C/C++ and Python
- Experience in NodeJS / HTML / CSS is a plus

- Hands-on prototyping and assembly experience
- Knowledge of PCB schematics and PCB layout is a plus
- Proven self-starter: ability to take initiative as well as working in a team
- Excellent spoken and written English

Do you think you're capable for the job and are you the perfect team member? Let us know you and send an email to Frédérique at jobs@physee.eu.

We are looking forward to seeing you!