



VACANCY
INDUSTRIAL DESIGN ENGINEER

Introduction

At PHYSEE we have a thorough belief in sustainable innovation without compromise. Innovation, which brings added value for our customers, is without compromising on the aesthetics, technology or costs. Holding on to this belief has led us to designing and producing the world's first fully transparent, energy generating window. The market has acknowledged these efforts by making us one of the 30 most promising tech pioneers worldwide (Forbes) and one of the most promising start-ups in the Netherlands. Awarded Technology Pioneer of 2017 by the World Economic Forum.

Department: Product Development

Position title: Industrial Design Engineer – Intern

Required education level:

Bachelors degree in Industrial Design, Mechanical Engineering or similar (negotiable)

Planned start date: from Q1 2018 (negotiable)

Planned duration: three months (negotiable)

Job Introduction

Imagine yourself at work looking outside the window, realising the glass you're looking through is charging the electric vehicles parked in the garage. The roadmap for this concept is paved, the R&D department runs the lab on full speed. Now it's up the department of Product Development to bring theory into practice. By engineering, prototyping and testing concepts, hardware components and entire systems. We strive to build the most sustainable PowerWindows. Together these departments form the cornerstones that help PHYSEE realise her mission.

Key capabilities:

1. *Technical background in Industrial Design / Engineering*
2. *Skilled CAD (Solid -Work/-Edge, Inventor, Revit) designer*
3. *Experience with manufacturing processes (injection moulding / extrusion)*
4. *Basic knowledge on electronics (integrated circuits)*
5. *Preferably knowledge photovoltaics*

Job Description:

We currently have several vacancies within our department. One is described below: Taking the lead in the development of new concepts and inventing solutions for current design challenges. Combining CAD skills with knowledge on DFM to prototype potential improvements and run extensive tests. Establish connections in the industry and setup production plans for mass manufacturing. Experience shows that, once proven to be a qualified, reliable and independent worker, you are granted the responsibility to be in charge of your project and decision making.

Key activities:

1. Modelling
2. Prototyping
3. Validation