



VACANCY
INDUSTRIAL DESIGN ENGINEER - THESIS

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

Required education level:

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

Planned start date: Q1 2018 (negotiable)

Planned duration: thesis period

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. *Curiosity in photovoltaics*

Thesis Description:

We currently have several open thesis projects within our department. We would like to invite anyone interested for a meeting at our office to discuss the possibilities.

The assignments generally includes taking the lead in the development of a new concept or inventing a solution for a current design challenge. Combining CAD skills with knowledge on DFM to prototype potential improvements and run extensive tests. Furthermore the student learns how to establish and maintain connections in the industry and setup production plans for batch and mass manufacturing.

We conduct a mid-term review followed by an evaluation at the end of each project, this is also when we decide whether to offer a full-time position to the student after graduation.