

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

Required education level:

BSc/MSc Industrial Design/Engineering or similar

Planned start date: ASAP

Planned duration: Full-time

Job Introduction

The product development department brings theory from the R&D department 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 realize 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 molding / extrusion)*
4. *Basic knowledge on electronics (integrated circuits)*
5. *Preferably knowledge on photovoltaics*

Job Description:

As an industrial design engineer, you will take the lead in the development of new concepts and inventing solutions for current design challenges. Combining CAD skills with knowledge on DFM in order to prototype potential improvements and run extensive tests. Establish connections in the industry and setup production plans for mass manufacturing.

Key activities:

1. Modelling
2. Prototyping
3. ValidationOperations