



# VINCENT DIERCKX

Design Engineer

## CONTACT



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Driver License  
22/11/1996

## SKILLS

CAD:

- Software:
  - Solidworks
  - Creo
  - Fusion360
  - Solid Edge
  - Siemens NX
  - Autocad
- Assembly: Architecture, Motion Studies, Mechatronics, Snap Joints, Living Hinges
- Parts: Injection Molding, Milling, Sheet metal, Welding, 3D printing, Steel Construction
- 2D: GD&T, Tol. Analysis, Technical Drawings

3D-printing (FDM)

Prototyping (Hands-On)

Rendering

Engineering:

- FEM: Linear Static, Fluid Dynamics
- Material Selection: Plastics, Metal
- Physics

BOM

Requirement Document

Supplier Sourcing

Verification Testing; IEC 60601,

IEC 61010-1:2010

IPX7 Seal Design

## INTERESTS

Sustainability  
Consumer Products  
Industrial Design  
Prototyping  
Engineering  
Organize Events  
Youth Movement

## LANGUAGES

DUTCH native  
ENGLISH fluent

## OBJECTIVE

"Hands-on Engineer unlocking its creative side. Specialized in mechanical design work with main focus on innovative technology, styling and usability. Strong interest in Consumer Goods and Lab Devices. Applies the 'Fail Forward Fast' mentality; quick iteration by building prototype and testing early on. At home capabilities for prototyping: FDM printers, soldering station, workbench"

## RELEVANT EXPERIENCE

### MECHANICAL DESIGN ENGINEER

|Sep '22 - Jun '24

COMATE | LEUVEN BELGIUM

Design & build innovative hardware from concept to market ready

- Focus: organoid incubator and telecom devices
- Translate user needs and styling exercise to finished product
- Closely cooperating with the internal team, client and suppliers
- Conceptualization - prototyping - verification testing
- Injection molding, milling, sheet metal, 3d printing

### MECHANICAL DESIGN ENGINEER

|Oct '20 - Dec '21

CEE ENERGY PAYBACK SOLUTIONS | WIEKEVORST BELGIUM

Design energy payback solutions for Energy-intensive industry

- Steel constructions and piping
- Translating P&ID to complete assembly design (3D)
- Cooperate with welding and mounting team (2D drawings)

## ADDITIONAL EXPERIENCE

### TECHNOLOGIST

|Mar '22 - Jun '22

NYRSTAR | BALEN BELGIUM

Proces technologist of zinc electrolysis

### SCIENCE TEACHER SECONDARY SCHOOL

|Feb '22

PROVIL-ION | LOMMEL BELGIUM

Proces technologist of zinc electrolysis

## VOLUNTARY WORK

### EVENT MANAGER

Head organizer of Altaar, a yearly cultural event with around ~3000 visitors

2022 - Current | Stagerage VZW | Balen Belgium

### (HEAD) LEADER YOUTH MOVEMENT

Responsible for a group of 150 children and young adults

Group administration, lead meetings, organize events and trips, insurance

2014 - 2020 | KSA Sint-Andries | Balen Belgium

### DORM LEADER

Spokesman for dorm students

Organise events, ensure order and good atmosphere

2015 - 2019 | Kot43 | Leuven Belgium

## EDUCATION

### 2018 - 2020

Master in Engineering Science: Material science - Polymers and Composites

K.U. Leuven Dep. MTM

### 2014 - 2017

Bachelor in Engineering Science

K.U. Leuven Campus Arenberg