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# Lieke de Mare

## Industrial Designer

Product developer, UI/UX designer, Usability researcher

## *I want to improve healthcare, by contributing a human-centered design view to the development of products or systems which don’t only have care efficiency, but also care experience, as core value.*

# Education

**Master Industrial Design** | 2020 – Feb. 2022

Technical University of Eindhoven, The Netherlands

Specializing in Human-centered design in the healthcare field, with expertise areas: User and Society, Technology and Realization, Math Data and Computing

**Pre-master Human Technology Interaction** | 2019 – 2020

Technical University of Eindhoven, The Netherlands

**Bachelor Industrial Design** | 2016 – 2019

Technical University of Eindhoven, The Netherlands

# Relevant Experience

## **Graduate internship – Medical apparatus** | Feb. 2021- Feb. 2022

LifeSense Group

Design of a smart urine collection system to support incontinent older adults and their caregivers in the collection of urine samples for healthcare purposes.

## **Student design Project – Physical rehabilitation** | Feb. 2019 – Jun. 2019

Adelante Rehabilitation clinic

Design of a personal assistive system to guide stroke patients in their walking rehabilitation at home.

Presented at the Dutch Design Week: https://ddwtue.nl/projects/walker/

## **Student research project – Assistive products** | Feb. 2018 – Jun. 2019

Adelante Rehabilitation clinic

Research about how contoured wheelchair cushion bases can improve pressure distribution, stability and comfort for wheelchair users with paraplegia.

The research outcomes have been published in "Disability and Rehabilitation: Assistive Technology", by Taylor & Francis.

# Software Experience

**3D modeling** | Autodesk Fusion, Solidworks

**2D editors** | Adobe (Photoshop, Illustrator, InDesign, Experience Design)

**Programming** | HTML, JavaScript, Java (Android native), C++ (Arduino), Python | (machine learning)

# Volunteer work

## **Scout leader** | 2013 - present

Scouting Jan Baloys

## Treasurer | 2019 - present

## Board | 2020 - present

## Personalia



Helmond, The Netherlands

Dutch

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## Hobbies

NL

EN

## Languages

* Scouting
* Photography
* Cooking
* Tinkering

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