



Gijs Wels - Industrial Design Engineer



As a designer and engineer, I have developed a focus on the relationships we create between humans and the designed environment - the new behaviours and experiences they enable. I have a special affinity with human factors, well-being furniture, user experience and innovation. In addition, I have learned that it is not only important to dream, but also to realise. This results in a hardworking and flexible person who motivates those around him to achieve the same goals - to make things happen!

Personal details

- +31611856348
- gijswels@gmail.com
- LinkedIn (link) & portfolio (link)

Education

MSc Integrated Product Design TU Delft May 29th 2024

- » Thesis - 9/10 - Empowering Psychosocial Well-Being at the Workplace. (link)
- » product(-service) design » technical prototyping
- » concept design » design for manufacturing

BSc Industrial Design Engineering TU Delft 2021

- » Thesis - 7/10 - Adaptive Spatial Design against the Urban Heat Island Effect.
- » design thinking » human-centred design
- » mechanics » strategic design

Minor Architecture TU Delft 2019

- » spatial planning » model building
- » trend analysis » form- and modelstudy

Extracurricular

Ambassador of Amsterdam Bildung Academy ongoing

- » Bringing young children into contact with each other in a creative and playful way.
- » social design » leadership

Summer School Aalto University 2 months

- » Designing products and environments in balance with nature.
- » public design » sustainability

Exchange Chalmers University 6 months

- » Living in another country and immersing yourself in another culture. Subject package:
- » user experience » manufacturing strategy » intro in data science & AI

Work

Royal Ahrend Graduate 10/2023 - 05/2024

- » Research into behaviour, work culture, and well-being of employees (burnout).
- » behavioural design » interaction design

DigiNova Intern 09/2020 - 02/2021

- » Robot applications for healthcare institutions and demented elderly in nursing homes.
- » human-system interaction » development

Achievements

Micro-break communication tool Royal Ahrend 2024

- » Guest conference speaker + Human Factors NL thesis award
- » employee well-being » culture change



Natural and playful outdoor seating Aalto University 2023

- » Selected by my faculty + international & multidisciplinary project
- » in balance with nature » sustainability



Adjustable school chair (age 7-12) Royal Ahrend 2022

- » Ahrend wants to realise and market the chair in the future
- » ergonomic adjustability » personalisation



Adaptive sustainable green city square Green Village 2021

- » My solution was selected (1/30) by the organisation to continue
- » implementing innovation » spatial planning



Skills

- » human-centred design » user testing & research » workshop experience (carpentry)
- » design thinking » UX & interaction design » SolidWorks
- » research by design » technical prototyping » Rhinoceros
- » co-creation & brainstorm » drawing