



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

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- 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
- concept design
- technical prototyping
- design for manufacturing

BSc Industrial Design Engineering TU Delft 2021

» Thesis - 7/10 - *Adaptive Spatial Design against the Urban Heat Island Effect.*

- design-driven innovation
- mechanics
- human-centred design
- strategic design

Minor Architecture TU Delft 2019

- spatial planning
- trend analysis
- model building
- 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 Student Researcher 10/2023 - 06/2024

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

- behavioural design
- interaction design
- stakeholder management

DigiNova UX-/UI-designer & Developer 09/2020 - 02/2021

» *Robot applications for healthcare institutions and demented elderly in nursing homes.*

- human-system interaction
- scrum
- projectmanagement

Achievements

Human Factors NL speaker and thesis award winner 2024

» *With my graduation project, the micro-break communication tool.*

- initiate sustainable change
- presenting for large groups



Representing TU Delft, international design project 2023

» *A multidisciplinary design project at the Aalto University.*

- leadership
- collaboration



Selected to co-create, future of educational furniture 2022

» *Ahrend wants to realise and market the chair in the future*

- design for children
- human factors



Won a design challenge for Urban Heat Island Effect 2021

» *An adaptive sustainable green city square for The Green Village.*

- implementing innovation
- policy assistance



Skills

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