



## 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
- agile - scrum
- projectmanagement

### Achievements

#### Human Factors NL speaker and thesis award winner 2024

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

- presenting for large groups
- initiate sustainable change



#### Representing TU Delft, international design project 2023

» A multidisciplinary design project at the Aalto University.

- leadership & collaboration
- timber chain: tree to product



#### 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



### Skills

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