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 furniture, well-being, human factors, 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
- 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
- human-centred design
- strategic design
- mechanics

Minor Architecture TU Delft · 2019
- spatial planning
- design for change
- trend analysis
- model building

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
- 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
- project management

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