



# Hanna Loschacoff

## Product Designer & Prototyper

A Master in Industrial Design from TU Eindhoven, specializing in interactive experiential prototypes that combine materials, electronics, and software. Skilled in CAD, digital fabrication, C++, Python, and computer vision, and grounded in interaction design and psychology. Bridging creativity and technical rigor to turn concepts into tangible human-machine experiences.

## Languages

English (Fluent)  
Dutch (Native)  
Portuguese (Native)  
Spanish (Moderate)

## Technical Skills

### Digital craftsmanship/ manufacturing

3D printing (FDM, SLA, on textiles)

Laser cutting

Vacuum forming

Sewing, heat press, embroidery

### 2D & 3D visualization

Adobe Suite (Ps, Id, Ai, Pr)

Keyshot

Solidworks

Rhino 7 (+ Grasshopper)

### Hardware & Software Dev

Arduino (C++)

Python

Figma

Creative electronics

Computer vision AI

Processing

HTML + Javascript

Ableton

## Work experience

### Creative technologist & Interaction Designer at Bureau Moerlijke Dingen (design and software development company)

Feb 2025 - Jul 2025

- Client project: independently conceptualized and prototyped a shape changing interface which uses computer vision AI model to read emotions from facial expressions and mirrors these through movement
- Solidworks | Computer vision AI | ESP32 | Kinetics

### UX designer & researcher for collaboration platform: at Alliance EWUU (UMC Utrecht, TU Eindhoven, Wageningen University and Utrecht University)

Jul 2023 - Jul 2024

- Conducting interviews, data analysis, design recommendations and digital prototypes
- Design research methods | User experience | Figma

### Form and Interaction Design Intern at Smartfloor (health design company)

Sep 2021 - Feb 2022

- Re-designing the form and interaction of a smart ankle wearable (collecting walking data which predicts fall risk and Parkinson's)
- Solidworks | User research on comfort and perception | 3D printing

## Education

### Minor Industrial Design Engineering at TU Delft

Sep 2024 - Feb 2024

Courses: "Lighting Design", "Designing responsible AI" and "Advanced visualization for design"

### Contact

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portfolio: <https://www.hannaloschacoff.com/>

# Soft skills

Proactive  
Analytical  
Critical thinking  
Leadership  
Design thinking  
Pitching

# Interests

## Science:

Robotics  
Biomimicry  
Mechanisms  
Interactive materials and experiences  
Interaction and experience design  
Ethics  
Psychology and Criminology

## Free time:

Music production and mixing  
Creative electronics  
Basketball

# Education

## Master Industrial Design at TU Eindhoven (track Research & Development)

Sep 2023 - Jan 2026

- Thesis "A robot that mirrors how we interpret others through our own biased social lens" grade 9/10
- Selected courses: "Interactive Materiality", "Designing user interfaces with emerging technologies", "Design research" and "Designing lot systems"

## Minor Criminology at University of Utrecht

Sep 2022 - Feb 2023

- Selected courses: "Advanced criminology", "Forensic psychiatry and psychology" and "European Law"

## Bachelor Industrial Design at TU Eindhoven

Sep 2019 - June 2023

- Thesis "How can technologies increase the feeling of safety of survivors that live in close proximity to perpetrators?" grade: 8/10
- Selected courses: "Data analytics", "Aesthetics of interaction", "Digital craftsmanship", "Creative electronics", "Business design", "Applied physics" and "Applied calculus"

## Highschool Diploma at Harbord CI (Toronto, Canada)

Sep 2015 - June 2019

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