



# Hanna Loschacoff

## Creative Technologist & Interaction Designer

With a Master in Industrial Design from TU Eindhoven, I specialize 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 digital & physical human-machine experiences.

## Languages

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

## Technical Skills

### Hardware & Software Dev

Arduino (C++)  
Python  
Figma  
Creative electronics  
Computer vision AI  
(PyTorch, TensorFlow,  
Google MediaPipe)  
REST API's  
Processing  
HTML + Javascript  
(React.js & Node.js)  
IoT Messaging Protocols  
(OOCSI)  
Ableton  
Touch Designer

### Digital craftsmanship/ manufacturing

3D printing (FDM, SLA, on  
textiles)  
Laser cutting  
Vaccum forming  
Sewing & embroidery  
**2D & 3D visualization**  
Adobe Suite (Ps, Id, Ai, Pr)  
Keyshot  
Solidworks  
Rhino 7 (+ Grasshopper)

## Work experience

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

Feb 2025 - Jul 2025

- Client project: independently conceptualized and prototyped a robot 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

**email:** [hannaloschacoff@gmail.com](mailto:hannaloschacoff@gmail.com)

**phone number:** +31 619451464

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

# Soft skills

Proactive  
Analytical  
Critical thinking  
Leadership  
Design thinking  
Pitching

# Interests

## Science:

Robotics  
Biomimicry  
Mechanisms  
Interactive materials  
Interaction Design  
Experience Design  
Ethics  
Psychology and  
Criminology

## Free time:

Music production  
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

## Contact

email: [hannaloschacoff@gmail.com](mailto:hannaloschacoff@gmail.com)

phone number: +31 619451464

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