



# Kay van den Aker

Designer and prototyper, exploring interactions that fuse digital and physical. Turning ambiguous ideas into experiences by gluing together various hard- and software.

Outside work, you can find him travelling, reading philosophy, or in the ocean doing various water sports. He's also been a surf instructor in Spain before.

## Work Experience

- 2022 – Now **Freelance**  
*Interaction Designer and Prototyper (remote)*  
Currently for Google and Modem. Previously for Above, Hapticlabs, ProtoPie and Rolls-Royce.
- 2024 **Archetype AI**  
*Interaction Designer in Umeå, Sweden*  
Master thesis collaboration: Physical AI as an interaction design material.
- 2022 – 2023 **Above**  
*Design Technologist Intern in Malmö, Sweden*  
Working for various clients, from leading tech giants to small Scandinavian startups.
- 2022 **Arduino**  
*Content Creator in Malmö, Sweden*  
uPython content and Docs redesign.
- 2021 **BMW Group**  
*Creative Technologist Intern in Munich, Germany*  
Experience prototyping at the concept car department, mostly on the Vision i Circular.
- 2017 – 2019 **Team RED**  
*Designer / Co-Founder in Eindhoven, Netherlands*  
Student startup building an interactive map to simulate the impact of sustainable innovations on the energy grid.

## Education

- 2021 – 2024 **Umeå Institute of Design**  
*MFA, Interaction Design*  
Class Representative
- 2016 – 2021 **Eindhoven University of Technology**  
*BSc (Hons), Industrial Design*  
Student council of the Honors Academy  
Chairman of Study Association Lucid  
Exchange at Umeå Institute of Design  
Surf committee of Avalanche Boarders

## Technical Skills

Interaction Design  
Experience Prototyping  
Electronics and Programming  
Arduino, ProtoPie, Unity, React, P5, HTML, CSS, JS, Python, Blender, SwiftUI, MadMapper, Laser-Cutting, Figma, 3D Printing, TouchDesigner

## Contact

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