

Theresa Hußke

Product Development | User Experience |
Human-Machine Interaction



WORK EXPERIENCE

Design Engineer in Simulator Development

Virtual Racing Lounge GmbH, Böblingen — 04.2026 - today

- Design and engineering of mechanical components for the further development of high-end sim racing simulators
- Creation of production-ready CAD models, technical drawings, and design documentation
- Development and coordination of technical solutions with the manufacturing team and management through to series production

UX Engineer – MBUX Navigation (In-Car User Experience)

Mercedes-Benz AG, Sindelfingen — 09.2024 - 02.2026
Internship & Work-Study Program

- Further development of the map view and user interface logic of the navigation system for series production and presentation of design decisions to internal stakeholders
- Independent design of a user-centered navigation feature—from the initial idea through interactive prototypes to handoff to the development team for the MB.OS operating system
- Collaboration with international UX, concept, and development teams to implement new features in a user-centered manner and coordinate technical requirements
- Conducting competitive analyses and deriving recommendations for the further development of the user experience
- Establishment and further development of a component-based design system for the navigation area by migrating existing concepts from Sketch to Figma

Technical Product Designer in Mechanical Engineering

Incoe International Europe, Rödermark — 02.2022 - 09.2022

- Design of complex hot-runner systems for injection molding machines
- Creation of production-ready 3D CAD models, technical drawings, and design documentation
- Coordination of design solutions with engineering, manufacturing, and project teams through to implementation
- Development and optimization of technical solutions, taking into account functionality, manufacturability, and cost-effectiveness

Design Department Assistant

Incoe International Europe, Rödermark — 10.2018 - 08.2019

- Management of technical documentation
- Maintenance of data in Epicor (ERP software) and plotting of technical drawings

EDUCATIONAL PATH

Bachelor: User Experience Design (B.A.)

h_da University of Applied Sciences, Darmstadt — 10.2022 - 02.2026

- Design: Developing user-centered concepts for digital and physical products using user research, design thinking, and iterative prototyping
- Technology: Implementing and validating interactive prototypes using HTML, CSS, JavaScript, Node.js, and C++ , as well as applying AI technologies
- Management: Project planning, risk analysis, and interdisciplinary collaboration with a focus on communication, facilitation, and solution-oriented approaches

Bachelor's Thesis Topic: How Does Design Influence Trust in Human-Machine Interaction?

Conceptualization and technical implementation of an interactive workshop featuring the robot "Klausi," which raises awareness among product teams about the impact of design decisions on user trust
Grade: 1.0

Trainee: Technical Product Designer

INCOE International Europe, Rödermark — 09.2019 - 01.2022

- Accelerated program due to above-average performance
- Grade point average: 1.6

Schule: Allgemeine Hochschulreife (Abitur)

Claus-von-Stauffenberg-Schule, Rodgau — 08.2015 - 06.2018

- Grade point average: 1,8

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CONTACT

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LINKEDIN

[Theresa Hußke](#)

PORTFOLIO

[Theresa Hußke](#)

SKILLS

PRODUCT DEVELOPMENT

Requirements Analysis
Project Planning
Stakeholder Management
Iterative Solution
Development
Presentation &
Communication

UX & DESIGN

User Research
Systems Thinking
UX Concept Development
Design Systems
Prototyping
Usability Testing
Benchmark Analyses

ENGINEERING

CAD Design
Technical Documentation
Basic Mechatronics
Manufacturing Methods
Metal Fabrication
Special-Purpose Machine
Construction

LANGUAGES

German (native language)
English (fluent)

PERSONAL QUALITIES

Quick learner
Easily enthusiastic
Solution-oriented

TOOLS

PRODUCT DEVELOPMENT

Jira
Confluence
Microsoft 365
Trello

UX & DESIGN

Figma
Miro
Adobe Photoshop
Procreate

PROTOTYPING

Figma
Visual Studio Code
Git & GitHub
Arduino IDE

Technologies:

HTML
CSS
JavaScript
Node.js
C++

ENGINEERING

SolidWorks
FreeCAD

AI-POWERED TOOLS

ChatGPT
Claude
Perplexity
GitHub Copilot

INTERESTS

EXPERIENCE TECHNOLOGY

Motorsports
Sim racing
Driving

IMPROVE PERFORMANCE

Fitness
Jogging

CONNECT WITH NATURE

Hiking
Camping

UNDERSTAND PEOPLE

Behavioral psychology
Communication

CREATE CREATIVELY

Realistic drawing
Woodworking