



Joost Helfers

Creative Technologist

Joost Helfers is a Creative Technologist working at the intersection of 3D, AI, and emerging technology. Driven by a spatial design approach, he creates high-impact visuals and advanced technical workflows that help brands and designers communicate complex ideas. With a background in architecture and computational design, combined with startup and academic experience, he develops innovative solutions that balance creativity and technical feasibility.

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Creative Technologist

Born: 02 April 1999 in Oldenburg (Oldb.)

Living in: Berlin, Germany

Core Competencies

Creative Technology

Computational & Parametric Design

3D Visualization

Motion Design

Rapid Prototyping

AI Integration

Interdisciplinary Collaboration

Digital Design

Research & Development

Skills

3D & Computational Design

Blender

Houdini

Rhino & Grasshopper

Plasticity

Real-Time & Web Development

Unreal Engine

Digital Twin Development

Python

React / Next.js

Three.js

AI & Creative Automation

ComfyUI

Image/ Video Diffusion

Generative Workflows

Prototyping and Fabrication

Rapid Prototyping

3D Printing

Digital Fabrication

Platform & Tools

Windows & Linux

Git/GitHub

Docker

AWS

Languages

German (Native)

English (Fluent)

Education

Bachelor of Science Architecture, Brandenburg Technical University, Cottbus, Germany

Master of Science Computational and Advanced Design, DesignMorphine & University of Architecture, Civil Engineering and Geodesy, Online (Sofia, Bulgaria)

Professional Experience

04/2023 — Present:

Freelance 3D Artist and Creative Technologist, Freelance, Berlin (Hybrid)

- Designed and implemented modular visualization systems and automated workflows to translate complex engineering concepts into clear, accessible interactive narratives for clients in the mobility and clean energy sectors.
- Produced explainer content and motion graphics for complex topics like hydrogen fuel cell technology for technical and non-technical audiences.
- Collaborated closely with interdisciplinary teams, serving as a bridge between design, engineering, and communication to enhance project outcomes.

01/2024 — 08/2025

3D Generalist and Design Engineer, INYO Mobility GmbH, Grafing bei München

- Contributed to the design and implementation of a complete infotainment system, as well as a full-stack digital twin with live vehicle data streaming.
- Introduced and managed the company's 3D printing workflows, fabricating custom parts to support vehicle performance optimization.
- Developed visual communications, including the web presence and brand design standards that helped inform engineering decisions.
- Worked to balance engineering feasibility with design vision, helping to ensure technical decisions supported a cohesive aesthetic.

01/2022 — 04/2023

Technical Research Assistant, Brandenburg Technical University, Cottbus (Remote)

- Supported interdisciplinary research on turbocharged hydrogen fuel cells through design and visualization.
- Tasked with designing underground technical installation spaces and related exterior enclosures for the project.
- Produced visualizations and design mockups to help communicate complex research findings to public and stakeholders.
- Developed corporate identity and maintained project websites to improve research visibility.

02/2020 — 09/2021

Undergraduate Research Assistant, Brandenburg Technical University, Cottbus

- Investigated computational design methodologies and their application in digital representation tools.
- Refined advanced 3D modeling techniques and research documentation workflows for the research group.
- Produced graphics and video content to support the dissemination of research on architectural visualization.

Community

08/2025 — Present

SoiréeXD Collective – Berlin, Member & Organizer

- Co-organizing monthly artist showcases and networking events to build community within Berlin's digital art and design scene
- Designing and producing promotional content (graphics, motion) to drive event engagement and showcase featured artists.
- Contributing to the strategic development of the collective to foster creative collaboration.



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