



# KAMIL GARBACZ

Designer (Dipl.) &  
Electrical Engineer (B.Sc.)



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## WORK EXPERIENCE

- 02/2020 - 12/2024      **Scientific assistant** at Technische Universität Berlin -  
employed at Fraunhofer Institute for Reliability and Microintegration  
(IZM) / System-on-Flex (flexible electronics) group
- 10/2013 - 02/2020      **Working student** at Fraunhofer IZM, Berlin  
Engineer in the Texlab workgroup,  
hardware and software development
- 04/2011 - 05/2013      **Tutor** for Prof. Joachim Sauter, Universität der Künste Berlin  
Teaching assignment in programming

## EDUCATION

- 10/2013 - 01/2020      **Electrical engineering (B.Sc.)**, Technische Universität Berlin  
Prof. Dr.-Ing. Klaus Brieß (Raumfahrttechnik)
- 10/2007 - 10/2013      **Visual Communication (Dipl.-Des.)**, Universität der Künste Berlin  
Digital Class, Prof. Joachim Sauter & Prof. Jussi Ängeslevä
- Thesis: *Das Leben von Objekten nach dem Entwurf.*

## SKILLS

- / Design              Visual Communication (Dipl.-Des.), Photoshop, Lightroom, CoreIDRAW
- / Engineering        Electrical engineering, PCB design (Altium), Embedded Systems (Arduino, STM32, ESP32)
- / Prototyping        3D modelling (Blender), 3D printing, laser cutting
- / Programming      HTML / CSS / JS / C/C++ / Java / Processing

## INTERESTS

- / Generative design, interactive installations & math-based systems
- / Photography (image-making, lighting and color grading)
- / Sketching, drawing and painting
- / Artisanal leathercraft and woodworking, concrete and paper
- / Outdoor activities, cycling, camping
- / Game design & creative coding