



WHITEvoid operates at the horizon where art, design and technology meet.

Our Berlin based multidisciplinary design studio is comprised of specialists in interaction, media and product design, architecture, mechanical and electronic engineering. Our installations and products are created for events, museums, trade fairs, festivals, concerts and clubs. Our house brand KINETIC LIGHTS is the leading specialist in kinetic lighting. Our products and designs have gained worldwide recognition and received several awards.



Electronics Engineer (m/w) Hardware

For our kinetic winch and lightning systems we are looking for a smart mind with passion & aesthetics!

YOUR TASKS:

- * Hardware development (especially PCB development) of complex assemblies in the fields of kinetics and light with focus on electronics development for winches, motor and lighting controls based on Art-Net / DMX protocol
- * Accompanying new products from concept to series production
- * Construction, commissioning and testing of prototypes
- * System design and design of complex embedded systems, mainly for mixed-signal circuits for motor and lighting control systems
- * Creating technical solutions and implementation of connections via interfaces to computers and control software
- * Release of electronic components and groups, processing of component and product changes
- * Preparation of specifications, test concepts and documentation
- * Creating drawings for the production of PCBs and cable assemblies

WE OFFER:

- * Respectively team leadership for the electronics department
- * Work in an interdisciplinary, agile team with in-house skills in product development, industrial design, interface design, construction and prototyping
- * Crafting in a modern prototype workshop
- * Unusual and challenging international projects in the field of art, architecture, show and event
- * Scope for versatile development in your work
- * Close cooperation with the management
- * Employee profit sharing
- * Team events, delicious coffee and fun on the pinball machine

YOUR QUALITIES & SKILLS:

- * Successfully completed engineering studies with a specialization in electrical engineering or comparable qualification
- * Relevant professional experience (at least 2 years) in the field of product development or change management
- * Experience in analogue and digital signal processing as well as circuit technology
- * Experience EMC-compliant design of HDI circuit boards
- * Experience in software development in microcontroller (C / C # / MPLAB)
- * Knowledge and experience in cable manufacturing, soldering, mounting and wiring of electronic components and assemblies
- * Experience with Art-Net, DMX or similar control protocols from the event sector is an advantage
- * In-depth knowledge of Altium Designer, MS Office
- * Basic understanding of mechanics / dynamics of advantage
- * Experience in light emitting diode (LED) technology and electric motors advantageous
- * Communication and team skills
- * High degree of initiative and system thinking
- * Good German and English knowledge in spoken and written
- * Other languages are an advantage
- * Driver's license class B is an advantage

HOW TO APPLY:

If we have aroused your interest in this exciting task, send us your digital application with a CV and photo stating your salary expectations by e-mail.

CONTACT:

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Information on our products and services:

www.whitevoid.com
www.kinetic-lights.com