WHITEvoid is an art and design studio. Our work spans a wide range of worldwide cutting edge projects and scales. From architecture, interiors and light installations to interactive exhibits and custom-made applications. Our latest architectonic designs realize complex unique ideas and adorn clubs, shops, exhibitions, shows and more.

The team is comprised of specialists in architecture, product design, mechanical-, electronic- and software engineering. We are strongly driven by technology, innovation, and experimentation. We dare to think big and push the boundaries in complexity and beauty of each project.

Our house brand KINETIC LIGHTS is the leading specialist in kinetic lighting. For more than fifteen years our designs and products have earned awards and worldwide recognition for delivering professionally engineered lighting equipment.

Firmware Developer (f/m/d)

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

YOUR TASKS:

* Functional definition of the firmware modules, in close coordination with the application and hardware development departments.

* Development of the firmware modules / programming,

* Integration of the firmware modules in hardware and software.

* Test and validation of the product performance - especially regarding the interaction of the application software with the hardware, in which the firmware is the connecting function

* Documentation and further development of the code

YOUR SKILLS:

* Detailed knowledge and experience in driving industrial interfaces, data formats / protocols, such as DMX and their implementation in code.
* Experience in the implementation of digitally operating control loops
* Good knowledge in understanding analog and digital circuit technology
* Very good knowledge and practical experience in embedded C/C++ programming for PIC, AVR and ARM controllers
* Very good knowledge and experience with communication interfaces (Ethernet, CAN bus, UART, SPI, I²C)
* Experience with FreeRTOS or other RTOS as well as knowledge of object oriented C is advantageous
* High level of self-organization and strong communication skills

WE OFFER:

* Exceptional, challenging and unique international projects, in the field of art, architecture, show and event.
* A highly motivated, international team
* Room for independent work, flat hierarchies and development opportunities
* Modern studio directly on the Spree in East Berlin
* Wildcard option to participate in projects worldwide
* Employee profit sharing
* Team events such as a BBQ together
* Fruit, delicious coffee and fun at the pinball machine

HOW TO APPLY:

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

CONTACT:

jobs@whitevoid.com

Information on our products and services:

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