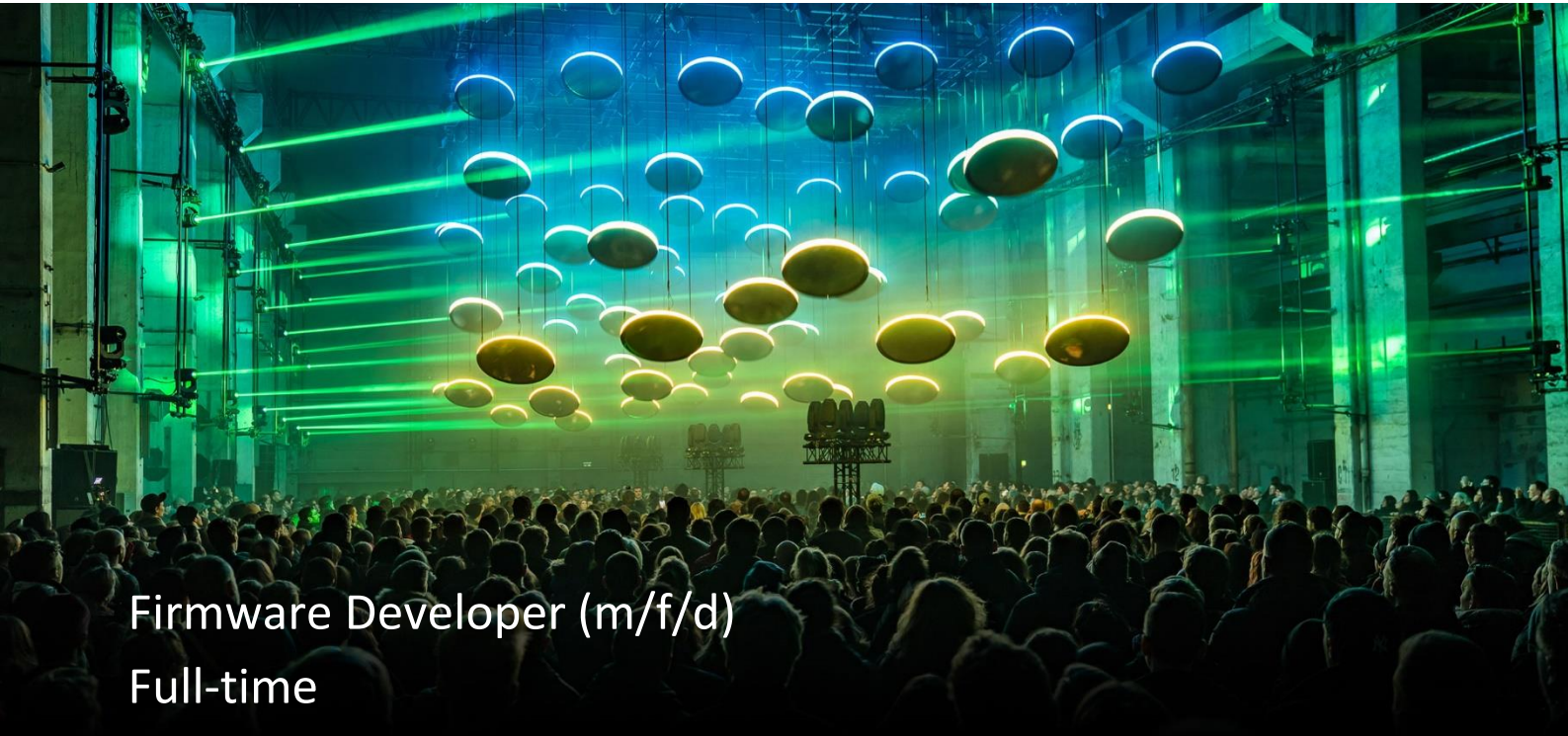# KINETIC LIGHTS

KINETIC LIGHTS is the leading specialist in kinetic lighting.

For more than 15 years KINETIC LIGHTS engineers and produces a wide range of steel wire and powered cable DMX WINCHES for various art, interior, stage, show and event lifting and lighting applications.

The main use of our high precision hoists is the synchronized spatial animation of large arrays of tethered LED LIGHTING ELEMENTS.

Our KINETIC LIGHTS products have received international recognition and awards including Cannes Lions, iF Design Awards, Red Dot Award.

Firmware Developer (m/f/d)
Full-time

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

YOU BRING:

* Detailed knowledge and experience in driving industrial interfaces, data formats / protocols, such as DMX or ArtNET 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-style C programming is advantageous
* High level of self-organization and strong communication skills
* Very good knowledge of English (must) and/or German

WE OFFER:

* Exceptional, challenging and unique international projects
* Participation in the establishment of a new location for art, technology and events (DARK MATTER)
* A highly motivated, international team and a friendly, open-minded working environment - we stand for openness and diversity!
* Working independently, flat hierarchies and the opportunity to contribute your own ideas
* Wildcard option to participate in projects worldwide
* Delicious coffee and drinks for free
* Team events, such as joint BBQs and summer parties
* Modern studio right on the Spree in East Berlin, with great leisure activities nearby

HOW TO APPLY:

If we have raised your interest in this exciting task, please send us your digital application including CV, salary expectations and preferred start date by email to
jobs@kinetic-lights.com

CONTACT:

You can find more job postings and information about our services and products here:

www.kinetic-lights.com
www.whitevoid.com
www.darkmatter.berlin