Electrical Engineering Intern

YOUR PROFILE

In this role you will be able to work as part of our battery team in the field of battery management system (BMS) and power control electronics, enabling us to develop highly integrated, cutting-edge aerospace battery prototypes. No day will be the same and you will be given a healthy amount of responsibility and autonomy, always supported by engineers.

YOUR TASKS

- Substantially support the development of custom battery management hardware and embedded software, highly integrated with all electrical and mechanical aspects of our application
- Design and modify analogue and digital electronic circuits based on provided schematics and/or functional and performance requirements from engineering
- Simulate selected circuits in Spice or Simulink
- Lay out multi-layer prototype printed circuit boards, both based on existing templates and from scratch
- Optional: Adapt and modify provided embedded C code for ARM microcontrollers
- Flash, test and debug electronics hardware and embedded software in the lab

ABOUT VÆRIDION

VÆRIDION is a fast-growing deep tech start-up based in Munich, Germany. Our mission is to provide an aircraft for Zero emission regional flights.
By 2030 our goal is to develop, build and certify a full electric microliner carrying up to 9 passengers for Short-Haul and Regional Air Mobility .

YOUR PROFILE

- Study electrical/electronics engineering
- PCB schematics and layout design skills; experience in relevant PCB design software (EAGLE, Altium Designer, or similar)
- Basic PCB debugging skills & experience with common lab equipment
- Expirience with ARM controllers, embedded C programming/debugging
- Target-oriented and driven workstyle

WHAT WE OFFER

- The unique opportunity to work hand in hand with top engineers
- An open-minded culture with innovative, autonomous teams
- Flexible working hours and a family-like atmosphere with cool team events and many more...

APPLY NOW!

vaeridion.com
careers@vaeridion.com

Join us to shape the future of aviation!