Skill ★★★★★
Innovation ★★★★☆
Obstinacy ★☆☆☆☆

Committed and with passion for precision we create digital reality solutions combining sensor, software, and autonomous technologies to empower a sustainable future.

Welcome to our exciting Geospatial Content Solutions business (GCS), a division of Hexagon. GCS designs and develops revolutionary technologies built to enhance solutions in aerial data acquisition, processing, and DaaS content.

You will be part of a small, but highly specialized R&D team, where we jointly develop cutting-edge technology in all aspects from high-speed electronics designs, precise optics and mechanics and challenging software.

Do you want to become an expert in LiDAR, camera and motion stabilisation technology? Join our team!

Electronic Design Engineer (f/m/d)

Heerbrugg 🕐 **100%**

This appeals to you

- Design and prototype analog and digital circuits for optoelectronic signal processing, fast AD/DA converters, multi gigabit communication links and protocols
- Provide schematics and coordinate production process from layout reviews to production-ready PCBs
- Design embedded firmware applications for MCUs in C/C++/C# and FPGAs in VHDL
- Analyze measurement data for prototyping, characterization and debugging purposes
- Get involved in bring-up and testing/certifying of subassemblies as well as entire systems
- Get involved in improving and maintaining the lab equipment and infrastructure
- Cooperate with the team and coordinate one or more

This is you

- Higher education or university degree (BSc, MSc) in electrical engineering
- 3+ years of experience with designing high speed hardware and embedded firmware
- Proficiency in simulating electric circuits using LTspice or similar software
- Automate measurement setups and analyze data using Matlab/Python
- Collaborate with the team using GIT, Jira, Confluence tools and scrum/agile methodology
- Skilled in building testbenches with laboratory equipment such as oscilloscopes, arbitrary waveform generators or logic analysers
- Good knowledge of German and/or English

external partners to achieve project goals
- Take the responsibility for subsystems and entire products throughout their lifecycle

We offer you

- Flexible working hours based on a 40-hour week
- Vacation entitlement: 25 days from the age of 20, 27 days from the age of 40 and 30 days from the age of 50
- Bonus system and extra-mandatory pension fund contributions
- Individual training opportunities (internal and external)
- Various Discounts (Health, Car, Entertainment and much more)
- Employee Events
- Multicultural and supportive environment

About Us

Hexagon is a leading provider of digital reality solutions and employs more than 24,000 people in 50 countries. You will be part of a strong, experienced, inspiring and motivated team of experts working together to shape the future of Hexagon. You can utilise and develop your skills in our highly innovative and diverse environment. Flexible working models allow you to ideally combine your professional and private interests.

Here you can find more information about us as an employer.

Contact

If you have any questions, please do not hesitate to contact Kinga Racibor, Talent Acquisition Specialist.

APPLY NOW

Leica Geosystems AG
Heinrich Wild Strasse
CH-9435 Heerbrugg

Job-ID: hi7cg7as