

Radar / Signal Engineer (f/m/d)*

Permanent

Full-time

Warum zu uns

Empower People. Create Success. At Scalian Germany, our people and teamwork take center stage. We are passionate about what we do, contribute proactively, and give our very best - both professionally and personally - every single day. Together, we celebrate our achievements, big and small, genuinely support one another, and take pride in each other's success. Advance your career with us and explore a wide range of opportunities to develop individually, share and expand your knowledge and ideas, and take ownership of your own projects.

Was wir gemeinsam vorhaben

- **Develop radar algorithms:** You improve clutter suppression, detection, tracking, classification, and micro-Doppler analysis.
- **Optimize for real-time:** You adapt algorithms for embedded and low-power systems – fast and robust.
- **Test with real data:** You validate algorithms and models using simulated and real-world scenarios.
- **Build effective tests:** You develop test-driven approaches for IVVQ – Integration, Verification, Validation, and Qualification.
- **Test in real environments:** You support hardware-in-the-loop testing for realistic validation.
- **Work as a team:** You collaborate closely with IVVQ, systems, and software teams to ensure reliable implementation.
- **Align models with reality:** You ensure consistency between simulation results and real system behavior.
- **Stakeholder Management:** Communicate both internally and externally, and collaborate closely with project teams, stakeholders and customers.

Worauf Du Dich freuen kannst

Our Unique Corporate Culture:

- A warm and appreciative work environment where every personality matters
- Open communication and accessibility - from junior team members to senior executives
- Numerous team and company events, including our annual summer festival with our families

Our Benefits for Well-being and Growth:

- Smart working options, such as remote work, flexible working hours, sabbaticals, and workations

Our shared Journey:

- Comprehensive onboarding with an extensive mentoring program
- A wide range of internal training opportunities and external development support
- An international exchange program to foster personal and professional growth within the corporate group

And much more.

Was Du wissen solltest

We are looking for unique personalities! At Scalian Germany, we don't just evaluate applications for a specific position - we see every application as an opportunity to connect with talented individuals. In a personal conversation, we'll explore together whether your goals and our vision are a great match. Don't see a suitable role or location? No problem! Feel free to send us an unsolicited application - we have similar opportunities at other locations as well. We'd love to share more details with you in person. Send us your application via email at bewerbung@scalian.de or use the "Apply Now" button (maximum file size: 35 MB).

Womit Du überzeugst

- You hold a degree in computer science, communications engineering, electrical engineering, information technology, or a comparable field.
- You are familiar with pulse-Doppler and MTI techniques and have a solid understanding of digital signal processing.

- You develop algorithms in MATLAB and Python and implement them in C++ for real-time systems.
- You have knowledge in clutter suppression, detection, tracking, classification, or micro-Doppler – or are eager to learn.
- You validate and improve algorithms and models using simulations and field data.
- You work with model-based design and align simulation results with real-world performance.
- You communicate clearly and present yourself confidently in discussions.
- You value teamwork and mutual support.
- You have excellent English skills, both written and spoken.
- Ideally, you also have knowledge of German.
- Note: Please submit your CV in English or German.

Wer wir sind

Wir bei Scalian Germany sind Brückenbauer zwischen strategischer Unternehmensberatung und operativer Umsetzung. Mit rund 600 Mitarbeitenden sind wir deutschlandweit im Einsatz. Zu uns gehört auch der Energiespezialist con|energy consult gmbh. Mit unseren praxisbezogenen Beratungsmethoden und fundierter Technologieexpertise unterstützen wir namhafte Unternehmen aus den Branchen Automotive, Energie, Luft- und Raumfahrt, Bahn und Verteidigung. Die Herausforderungen unserer Kunden sehen wir als Chance, gemeinsam innovative und zukunftsfähige Lösungen im Technologie-, Projekt- und Prozessmanagement zu schaffen.

*Wir bekennen uns zu den Grundsätzen der Gleichbehandlung und Nichtdiskriminierung. Die Vielfalt unserer Mitarbeiterinnen und Mitarbeiter in Bezug auf Geschlecht, Hautfarbe, Alter, Herkunft, persönliche Interessen, Religion, sexuelle Orientierung und Geschlechtsidentität betrachten wir als Bereicherung. Diskriminierendes Verhalten wird von uns nicht toleriert. Dieses Bekenntnis zu Vielfalt und Inklusion haben wir durch die Unterzeichnung der Charta der Vielfalt bekräftigt.