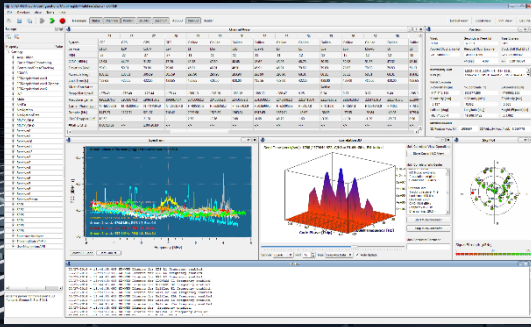


GNSS SX3 Software Receiver Platform



IFEN GmbH is a leading innovator in GNSS technologies, products and services. Due to strong market demands in the research, automotive and aerospace markets, IFEN is expanding its development team.

People are the key to our success. Therefore, we seek and retain talented, passionate individuals who are positioned to achieve job satisfaction in an open working atmosphere. IFEN GmbH offers competitive salaries, comprehensive benefits and an environment that supports creativity, open communication and teamwork. The successful candidate will work in the 'Receiver Innovations & Products' group to design and develop advanced GNSS RF software-receiver technologies and products.

GNSS SW Receiver Software-Engineer (f/m)

Bachelor, Master or Diploma degree in communications engineering, information sciences or equivalent experience

Your Responsibilities

- Design, development and implementation of advanced high-performance GNSS signal processing algorithms on INTEL-PC platform using advanced hardware acceleration architecture
- Enhancement and optimization of our SX3 software receiver
- Profile and optimize critical code sections for real-time processing
- Integration and test of complete GNSS SX3 platform using suited RF test tools

Your Skills

- Excellent knowledge in receiver signal processing (acquisition, tracking, interference/multipath detection)
- Good knowledge in GNSS signal design (modulations, pulse shapes, coding types, multiplexing)
- Excellent signal programming skills in C/C++ (Windows)
- Good knowledge of Intel-based SIMD/AVX software acceleration programming
- Preferable knowledge in NVIDIA CUDA software acceleration programming
- Knowledge of RTK/PPP algorithms is a plus
- Experience with configuration management, continuous integration and automated SW testing
- Very good written and spoken German and English language skills
- Ability to grasp and learn new concepts quickly and efficiently
- Structured and quality driven working approach

Application

Please forward your resume via email to careers@ifen.com or by mail to

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