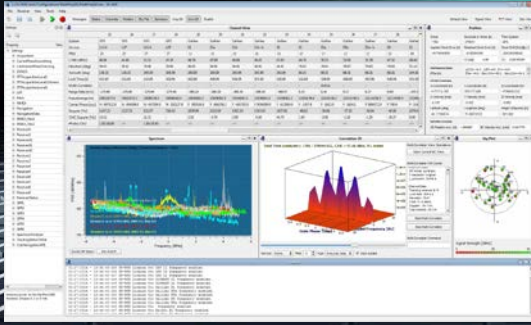


SRX/STX GNSS Software-Defined-Radio – The Next Generation



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 a team of highly-skilled engineers in the 'Signal Innovations & Products' department to design and develop the next generation of GNSS RF software-defined radio technologies and products.

GNSS Signals 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 'SRX'(SX3) and 'STX' Software-Defined-Radio platforms
- Profile and optimize critical code sections for real-time processing
- Integration and test of complete GNSS SDR platform using suited RF test tools

Your Skills

- Good Knowledge in GNSS signal design (modulations, pulse shapes, coding types, multiplexing)
- More than 3 years of signal programming proficiency in C/C++ (Linux and Windows)
- Good knowledge of Intel-based SIMD/AVX hardware acceleration
- 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
- Capacity to approach challenges with a positive attitude and open mind as a team player
- Structured and quality driven working approach

Application

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

IFEN GmbH
Alte Gruber Str. 6
85586 Poing
www.ifen.com

