

SIGNAL PROCESSING ENGINEER

Does mobile, wireless and IOT development within the realm of communications solutions for Electronic Warfare sound interesting? Chora A/S is looking for a Telecom & Signal Processing Engineer for our newly acquired headquarters in Aarhus.

Your Role

You will join a team of passionate Software Engineers, who handle development processes ranging from requirements assessment, initial analysis and design, coding, implementation, and testing. The team works with a wide range of technologies including Python, GIT, WPF etc. However, the most applied technologies are C++ and C#. The Scrum methodology is used for organizing tasks and projects.

Responsibilities

In this position, you will have a key role in our R&D department. Your focus will be on the physical-layer elements of the development, which presumes knowledge of:

- Signal processing algorithm development and optimization
- Error correcting codes, such as convolutional, block, turbo and/or LDPC codes, their algorithms and implementation
- Baseband algorithms for synchronization and tracking, such as equalizer algorithms
- Building Monte-Carlo simulations to evaluate algorithm performance
- Digital communications from voice encoders over demodulation and decoders to physical protocol layers

Your Profile

Preferably, you have a master's degree in computer science or similar, and your background could be wireless communications, electronic engineering, Physics, or a related field. You have 3-5 years of experience.

You are a skilled C++ developer, and you have practical experience with SciPy Programming. Experience with VHDL / GPU development is a plus but not a requirement.

You enjoy working closely with your colleagues as well as independently, and you communicate fluently in English and Danish.

The job requires that you have a clean criminal record, and that you are a Danish citizen or you have lived in Denmark for at least the last 7 years.

Chora as a workplace

Chora is a small corporation with room for differences. At Chora everyone knows everybody, and as an employee you have the opportunity to influence how work is done. We are a dedicated team with the ambitions of being the most respected corporation within our field.

At Chora we offer:

- Variation in assignments
- The opportunity to occasionally work from home.
- A dynamic atmosphere with an unformal tone.
- Good stable working conditions.
- An exciting niche market with unique products.
- Pension scheme.
- Bonus scheme and salary according to qualifications.

- Great colleagues, influence on your own work, and focus on quality.
- Staff association, summer party, and Christmas party.
- Health Insurance.
- Homemade lunch every day, free fruit, coffee, tea, and water.

About Chora

Chora is an international corporation with headquarters in Aarhus and an office in Munich, Germany. Chora cooperates with acknowledged corporations all over the world. Chora was founded in 1994, and since then we have developed and sold high-tech communication solutions. We sell our products to the B2B and B2G market. Our customer segment is quite different, as we work within a fascinating and interesting niche-market. We have a mission with a clear strategy and bold ambitions.

If you have further questions or need more information, you are welcome to contact us at

+45 86 18 99 55 or via e-mail at job@chora.com