

## SIGNAL PROCESSING ENGINEER

Do you want to work on complex solutions and designs, while working and learning about new tech? Chora is looking for an experienced Signal Processing Engineer to strengthen our engineering team at our headquarters in Aarhus.

### Your Role & Responsibilities

As Signal Processing Engineer you will join our experienced engineering team in developing advanced radio systems. You will specifically aid in developing signal processing algorithms for radio systems, with primary focus on devising, improving and ensuring the required functionality and performance.

You will take part in integrating and testing both in lab and field.

You will work in a highly agile team covering all of the product life-cycle, from early development to test at customer premises.

Typical tasks will be devising of multichannel signal processing for radio systems, algorithm simulation, description of algorithms for implementation and, implementation on CPUs in assembler/C/C++, GPUs in OpenCL, or FPGAs in VHDL/Verilog, and finally testing in real physical systems.

You will join our Solutions Group consisting of teams of passionate Project/Product Managers, Software Engineers, and Hardware Engineers.

## Your Profile

It is essential that our new Signal Processing Engineer has sufficient professional experience in addition to the right personality. You have minimum 5 years of experience with signal processing within the domain of software and/or hardware development. You enjoy working closely with your colleagues as well as independently. Further, you can identify with most or all of the following:

- You have a Master or Ph.D. of Science in Engineering / Computer Science / Wireless Communication / Signal Processing / Electronic Engineering
- You have experience with signal processing algorithms design cycle
- You have experience with signal processing systems, performance and functionality
- You have knowledge of mathematical modelling, radio physics and/or telecommunications/SATCOM
- You have experience with description of algorithms to be implemented and implementation of algorithms
- You have experience with implementation on CPUs in assembler/C/C++, GPUs in OpenCL, or FPGAs in VHDL/Verilog

You live within commuting distance of Aarhus, and you speak and write Danish and English at professional level. You have a clean criminal record and 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
- 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](mailto:job@chora.com)*