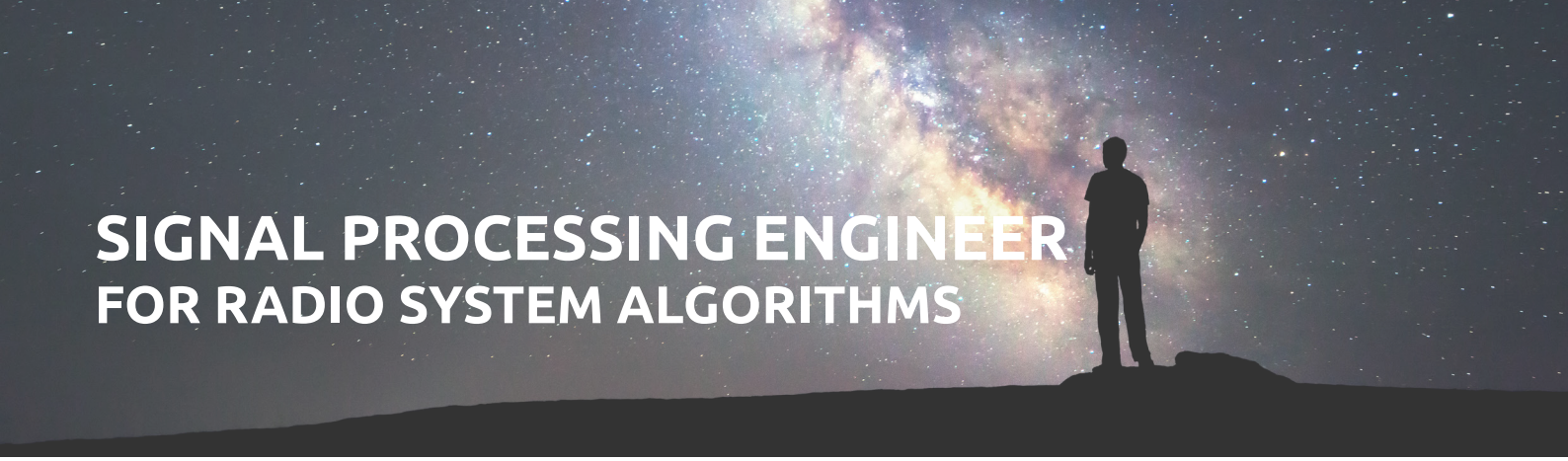

SIGNAL PROCESSING ENGINEER
FOR RADIO SYSTEM ALGORITHMS

Do you want to work on complex solutions and designs, while working and learning about new tech?

You will join our experienced Innovation 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, depending on skills, implementation on CPUs in assembler/C/C++, GPUs in OpenCL, or FPGA's VHDL/Verilog or HLS, and finally testing in real physical systems.

WHAT WE OFFER
- High-tech innovative challenges
- Advanced laboratory environment
- Bonus system
- An Informal work environment
- Homemade lunch every day
- Company social events
- A workspace with a great view of Aarhus harbor

Deadline: 6 October 2020 on job@chora.dk
Feel free to contact Thomas Fabricius on +4586189955, if you have any questions about the position.

ROLE RESPONSIBILITIES
- Signal Processing Algorithms Design cycle
- Signal processing systems, Performance and Functionality
- Description of algorithms to be implemented
- Implementation of algorithms

TYPICAL KNOWLEDGE:
- Master or Ph.D. of Science in Engineering / Physics/ Math/ Computer Science.
- Math – analysis and linear algebra
- Mathematical modelling
- Radio physics
- Signal processing:
  - Detection
  - Tracking
  - Estimation
- Modem algorithms:
  - Demodulation
  - Coding
- Telecommunications/SatCom
- Software Development
- High performance computing

SKILLS:
- Signal Processing algorithm development:
  - Simulation
  - Implementation
  - Testing
- One or more:
  - CPUs and DSPs, Assembler/C/C++
  - GPUs, OpenCL
  - FPGAs Verilog/VHL/HLS

ABOUT CHORA:
Chora was founded in 1994, and has ever since been developing and selling highly advanced communications systems for both the B2B and B2G market.

We have a mission with a clear strategy and bold ambitions. During the next few years, our growth will be significant, and you can contribute to it. Our customer segment is different than others, as we work in an interesting and demanding niche-marked.

CHORA