ASOCs is an emerging company at the forefront of innovation and technology, pioneering the virtualization of cellular communications and networks. We are looking for a talented student towards his/her graduation in Electrical Engineering that wishes to be a part of the algorithm team focusing on 5G NR modem design.

In this role, you will be responsible for the following:
• Research and development of 5g NR modem algorithms
• Algorithms specification
• Taking part in the integration of solutions onto HW platforms
• Generation of reference vectors /signals for FPGA/VLSI
• Optimizing receiver performance
• Working closely with FW & HW designers

Requirements:
• M.Sc./PhD student in Electrical Engineering in the field of signal processing/communications.
• Matlab programming
• C/C++ programming

Advantages:
• OFDM modem structure (synchronizations, channel estimation, equalization, coding)
• MIMO communications and beamforming
• Fixed point DSP arithmetic
• Familiar with FPGA design

CV to hr@asocsccloud.com