About us:

Parallel Wireless is an innovative company in the cellular small-cell business. We're reimagining the architecture of the cellular network to address the existing challenges of bringing cellular coverage to unconnected areas (2G, 3G and 4G) and the future challenges coming with the evolution of 5G. We are a fast-moving, award-winning, amazing technology company, embracing ambitious innovation, cutting-edge technology and customers' success. Lately, we've opened our Israeli branch (central district) which is the main R&D center of the company. We're looking for top talented, creative and ambitious candidates to join our exceptional team.

Open Position: DSP Software Developer for Advanced Base-Station Products

We are looking for an experienced DSP software engineer to implement advanced signal processing algorithms on general purpose processors and/or DSP processors. The candidate is expected to be proficient in the physical layer transmission and reception aspects of various cellular network standards.

Job Responsibilities:
The team player will be responsible for the design, coding, and unit testing of physical layer components in the company's base station modems. Including, new features implementation, SW infrastructure definition & implementation.

Job Requirements:
- Ability to translate the physical layer transceiver signal processing algorithms into efficient implementation on general purpose processors or DSP processors.
- Experience in C/C++ development in the context of embedded systems.
- Proficient in design, documentation, implementation and unit testing of software components of a wireless modem in a multi-threaded real-time system - **Advantage**
- Experience in interfaces between processors and hardware blocks/FPGA and characterizing the performance of the interfaces - **Advantage**
- Must have strong communication skills, must be an effective team player, and be able to work independently in a global multi-site environment.
- Solid knowledge in the physical layer specifications of 2G, 3G, 4G, 5G-NR - **Advantage**
- ARM user application development experience - **Advantage**

Education:
- B.Sc with a major in communication theory and/or Computer engineering and/or signal processing.

Job Location:
- Israel, central district