Algorithms Engineer

People come to work at Parallel Wireless because we are building the future of telecom. They stay because they are challenged and driven by an incredible product and team. We take pride in our commitment to employee development, and our culture fosters an atmosphere of empowerment, trust, respect, and communication

We are looking for highly motivated, experienced, and passionate, wireless algorithm experts for the research and design, of advanced and cutting-edge cellular communication algorithms for our 5G based products.

### Job Responsibilities:

Algorithmic research considering the trade-offs between performance, implementation cost, real-time, and time-to-market.

Algorithms implementation from research to simulation level to an official release, including Matlab/C modeling, specification document, escorting implementation & integration toward high-quality releases.

### Job Requirements:

At least 5 years of experience in PHY/RF algorithms development for wireless modems.

Good understanding of the cellular standards (LTE/NR) and the driven implications on Modem design.

Good understanding of RF/Modem partitioning and tradeoffs alongside with good understanding of RF practical constraints and considerations

An independent problem solver with excellent mathematical and analytical skills.

Eager to learn and develop your professional skills in the field of wireless communications

Excellent communication skills, and ability to thrive in a global multi-site environment

### Education:

[M.Sc](http://b.sc/) with a major in communication theory and systems and/or signal processing.

[PhD](http://m.sc/PhD) with a major in communication theory and systems and/or signal processing – **Advantage**

### **Company Overview:**

Parallel Wireless is an innovative company in the cellular Access 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. Our current technology and roadmap bring Parallel Wireless to be able to compete with the industry’s giants. Tier 1 customers have much interest in Parallel Wireless as we fit very well into their vision.

We’re looking for top talented, creative and ambitious candidates to join our exceptional team.