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## SYSTEM ENGINEER (F/M) WIRELESS CONTROL SOFTWARE

JR0035522 - MUNICH/NUREMBERG

### Job Description

**IMPORTANT:** Please be informed that Intel is proactively trying to find candidates for a Wireless Modem Architect with focus on Physical layer position which is frequently available at Intel. Please note that the position may not be available at this time. If you would be interested in this position should it become available, we would encourage you to apply, and our hiring team will be glad to contact you when/if relevant.

Intel is in the midst of an exciting transformation, with a vision to create and extend computing technology to connect and enrich the lives of every person on Earth. So join us – and help us create the next generation of wireless technologies that will shape the future for decades to come.

Intel invites you to collaborate with global teams to develop and specify the concepts of cellular wireless modem signal processing algorithms and architectures for LTE and 5G. We are looking for a wireless control software system engineer strengthening the modem architecture team. Our solutions are used in world-class tablets, smartphones, feature-phones, and wireless modules. This job opening encompasses a wide range of activities:

- Defining overall control functionality of wireless modems
- Assessing and optimizing software-footprint
- Proposing HW/SW splits for product implementation
- Providing specifications of control flow and interfaces between components
- Closely work together implementation teams as well as 5G standardization teams
- Contributing the Intel's wireless IP port-folio

### Qualifications

- University degree in Electrical engineering / Information Technology / Computer Science
- Masters degree required; PhD and/or 2+ years of equivalent working experience preferred
- Solid knowledge of physical layer in wireless communication systems
- Experience in software development/engineering with C/C++, Matlab, GIT, Unix, scripting
- Team-player
- Self-driven and entrepreneurial way of working
- Excellent communication skills in English

### Inside this Business Group

Communication & Devices Group: The wireless revolution at Intel! We are one team - passionate engineers and technologists from diverse industry backgrounds working together to realize a world of connected computing. We are bringing the best ideas from the brightest minds to deliver future mobile experiences into the market. We are on the journey towards making Intel a wireless leader with exciting products for the Internet of Things, 5G and an opportunity to change the world with your work.