Internship in Physical Layer Control-Software (F/M)

NUREMBERG, JOB NUMBER JR0063207

Job Description
The tasks of this internship will include the following:
• Development of source code for control & signal processing applications in embedded systems (C/C++).
• Verification, debugging and improvement of existing code.
• Development of scripts for verification of Firmware code (Python).
• Failure analysis of functional issues.
• Performance profiling in simulation and on hardware.

We are searching for a full-time intern. Preferably the candidate is available starting July/August/September and is available approximately 6 months.

Qualifications
• The candidate must be pursuing a degree in Electrical/Communications Engineering, Computer Engineering, Software Engineering, Computer Science or equivalent.
• The candidate is expected to have good background in C/C++ programming.
• The applicant should have sound knowledge in Physical Layer Communication or Digital Signal Processing theories.
• Knowledge in Embedded or DSP Systems Programming would be beneficial.
• Knowledge of version control systems is desirable.
• Programming experience in C and C++ for embedded systems (algorithms, manipulation of data structures, and implementing optimized code).
• Knowledge on microcontroller architectures.
• Good analysis skills.

Inside the 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.