

Job Title: Sr. Staff/Principal Systems Engineer

Job Description:

- The candidate will be responsible for system engineering tasks associated with next generation IoT products. The candidate will work within the systems development team to develop physical layer algorithms and practical implementation of these algorithms.
- Some of the job responsibilities are: perform simulation and analysis including the modeling of RF and analog domain non-idealities, and solve system level problems during the development and production stages of the product.
- Successful candidate must have the ability to communicate with engineers of varying backgrounds: software, digital hardware, RF IC design, operations, and marketing.

Job Specific Requirements:

- Must have experience in the design of digital wireless transmitter/receiver architectures. This includes both modulator/demodulator and forward error correction experience as well good understanding of the digital implementation constraints and techniques required for such wireless systems.
- Experience in WiFi transceivers is a plus.
- Must have experience in digital receiver/transmitter processing, digital filter specification and design.
- Experience with C, C++ is required.
- Matlab/Simulink experience is required.
- Scripting language experience such as tcl, Perl, Python is a plus.
- Candidate must have good communication skills with willingness to interact with various groups within the company.
- Typically requires an MS degree and 9 years of experience in the wireless design field or a PhD and 6 years of experience in the wireless design field.

Experience: 7-15yrs

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