
About the company

Qplox is a fast growing company offering test and automation engineering. Headquartered in Leuven, our clients are major multinational enterprises and local companies from automotive, semiconductors, RF, consumer electronics.... Our consultancy department offers services in RF, semiconductors and electronics design and test. Our Test automation group offers a one stop shop for design of test benches, system integration production and lab automation solutions.

Job Description

We are looking for a young and motivated telecommunications Engineer. He/she will be active in the development of automated, custom made test systems for electronic products, including ICs and RF ICs. He will be involved in the characterization and validation of new RF ICs, semiconductor sensors and other electronic assemblies. The tasks require:

- Design and integration of automated test systems
- Execution of tests in RF, telecommunications, semiconductors and electronic assemblies
- Good knowledge of signal theory and wireless telecommunication, such as LTE, UMTS, GSM, WCDMA, 4G/5G
- Excellent knowledge on lab instrumentation (VNA, Logic analyzers, Scopes, Power sources, SMUs etc)
- Knowledge of CMOS technology, ICs, test and associated problematic
- Programming of control software in order to automate test equipment (Matlab, Labview)
- Fluent communication skills, statistical data analysis and reporting
- Knowledge on PCB and circuit design

Candidate Description

The candidate is a Master in a relevant engineering specialty or Bachelor with proven relevant experience. A team player capable of finding his own solutions to the daily challenges. We are looking for somebody with the following skills:

- Proactive and motivated, Good communicator, fluent in English
- Excellent knowledge on wireless communications and mobile technologies
- Good knowledge of electronics and microelectronics, especially CMOS.
- Excellent Knowledge of Matlab and Labview
- Excellent in electronic instrumentation (VNA, signal analyzers, Logic analyzers, oscilloscopes, SMU, data acquisition boards...)

Desired:

- Experience with data acquisition hardware (PXI, NI DAQ etc)
- Communication buses (GPIB, I2C, SPI, UART, RS485, USB)
- Data and statistical analysis tools (Excel, Matlab, Origin)
- Electronic design at circuit and PCB level. And simulation (Proteus, Orcad, Design Spark, Eagle)
- Office tools (Excel, word, power point)
- Subversion tools (SVN)
- Knowledge of NI Teststand
- Knowledge on development boards (LPCXpresso, Altera, Arduino...)
- Other programming languages (Python, C++, Java ...)

We offer

An attractive salary package with extra-legal benefits. A high tech, multicultural and young ambient. A fast track in a growing company. Formation in multidisciplinary environment plenty of learning opportunities.

Contact

Send your CV and application letter to jobs@qplox.com with the subject "Telecommunications engineer"
