



## Software Developer (Based in Quebec City)

### Tasks and responsibilities (several others to be discussed):

- Integration and testing of 2G, 3G and 4G cell stack;
- Programming / Integration of linux drivers for controlling the system board;
- Creation of test tools for cell stacks;
- Maintenance of software sold to customers.

### Requirements:

- Developer in C and C ++ with a minimum of 5 years of relevant experience on x86 and x64 architecture;
- Hold a Bachelor's degree in computer engineering, software engineering or electrical engineering;
- Be bilingual (French and English);
- Must reside close to Quebec City;
- Must be comfortable developing linux drivers;
- Have good knowledge of networking;
- Familiar with the Linux OS and in particular Ubuntu distributions;
- Must be comfortable with git;
- Have experience in making python, perl or bash scripts;
- Be able to use Wire Shark to analyze traffic on a network.

### Assets:

- Be familiar with web interface programming in PHP, CSS, HTML, and JavaScript;
- Be familiar with container management tools like docker and kubernetes;
- Know how to develop in VHDL or verilog with Xilinx tools;
- Familiar with Yocto or any other Linux image creation tool (u-boot, kernel, rootfs) for embedded systems;
- Knowledge of 3GPP / ETSI standards in GSM and UMTS to diagnose calls, SMS and data transfers;
- Be familiar with the communication protocols TCP, UDP minimally and SCTP, VPN, tunneling;
- Be familiar with the SNMP protocol and the following GSM and UMTS protocols: MTP3, SCCP, AIF, AoIP, RANAP, HNBAP, RUA, RRC.

### Profile sought:

- Good ability to work in a team and under pressure;
- Have good work planning skills;
- Have good analytical and problem-solving skills.

Applications and any documents should be sent to [career@nuranwireless.com](mailto:career@nuranwireless.com) and have the title of the opening in the « Object ».