SW Student Technical – Wireless Charging

Our team focuses on development and testing of peripheral and graphics drivers in QNX and Green Hills Integrity operating systems on i.MX application processors.

We are looking for a talented technical university student or graduate (Electrical Engineering, Informatics, Computer Science or similar) with experience or interest in embedded C/C++ software development.

You will be participating on development of embedded drivers, complex solutions, and test applications for embedded operating systems like QNX and Green Hills Integrity. The knowledge of NXP i.MX architecture (ARM) and Linux is an advantage, and if you are proficient with distributed version control systems like Git – that´s what we need!

Don't hesitate to contact us in case the position seems interesting. If you have any questions, feel free to ask.

What will be my duties?
You'll participate in developing and porting peripheral drivers, complex software layers, and demo apps for i.MX Series application processors based on ARM platform. In the beginning you'll be mainly studying the i.MX Series (ARM) processor architecture and familiarizing yourself with the QNX or Green Hills operating systems. After that you'll be gradually introduced to development work.

What if I'll have to study the documentation before writing the code?
Then you'll study the documentation :)

What if I'm shy and afraid of calls from customers and colleagues from abroad?
You don't have to be afraid. We don't expect you to communicate with customers directly. However, you'll have plenty of opportunities to attend calls with customers as an observer and build up your self-confidence.

Will the results of my work be tangible?
Of course. Our main customer is the car industry, deploying i.MX processors in conjunction with operating systems in infotainment panels in their vehicles. These panels provide GPS navigation, radio and so on. So who knows, maybe your future car will contain code of your own.

Which frameworks will I work with?
We're using QNX Momentics Studio 7.0 with integrated GCC compiler to develop QNX. For Green Hills Integrity, we work with Green Hills MULTI with integrated Green Hills compiler.

Hiring Manager: Marek Vinkler

If you're excited about this opportunity, we kindly invite you to apply!

If you have any questions, we are happy to answer them. Please contact**: Alexandru Cocut**, Talent Acquisition - **alexandru.cocut@nxp.com.**