Peter John Burkimsher <peterburk@gmail.com>   1 July 2014 18:10
To: Martin Martin
Re: Job Opportunities

Cher M. Martin,

Merci pour votre réponse assez vite!
J'ai envoyé plus de 1000 expressions de m'intérêt, le plupart sûr 104.com.tw pour
Taïwan. Mais seulement 6 entreprises ont répondu! C'est vraiment difficile. Alors, je
vous remercient le plus pour votre réponse, et vraiment vite. Le recherche continuent!

(Et il y en a déja 7 ans depuis j'ai habité avec mes parents en Genève, alors je
m'excuse pour mon Français!)

Je vous prie d'agréer mes salutations les meilleurs,
Peter Burkimsher
http://peterburk.github.com

On 1 Jul 2014, at 17:52, Martin Martin <martinm@yoctopuce.com> wrote:

> Cher Mr Burkimsher
>
> Merci de l'intérêt que vous portez à Yoctopuce. Votre
> profil est en effet très intéressant pour une entreprise
> telle que la nôtre. Cependant, comme vous l'avez
> remarqué, nous sommes une toute petite entreprise
> et malheureusement nos moyens ne nous permettent
> pas d'embaucher un collaborateur supplémentaire.
>
> Cordialement,
> Marc Martin
> Yoctopuce.
>
>
> On 01-Jul-14 1:41 PM, Peter John Burkimsher wrote:
>> Dear Yoctopuce,
>>
>> As a fellow Genèvois and electronic engineer, I've been quite interested in
>> Yoctopuce for a few years now. I'm impressed at how well your business has
>> grown, and how your sensors are being used in many IoT projects across Europe
>> and around the world!
>>
>> My interest in electronics started when I was about 8 years old, when my dad
>> brought home an old, broken Macintosh Plus. I bought a replacement motherboard

from CERN récupération, and had my own computer for the first time! I was an early adopter of the original iPod in 2002, and repaired them for friends at the international school even before PodSpital opened in Plainpalais. When I was 15, I bought, refurbished, and sold 20 iBook laptops that were being discarded by the primary school section of La Chât. I also built an phone-SIP audio bridge for the free.fr freephone, which offers unlimited calling to many countries, gratuit.

I went off to Lancaster University in 2007, and completed a 4 year accelerated MEng programme with first-class honours. I also spent my second year on an exchange programme to UCSB. There I learned about circuit design in Verilog and VHDL, simulation in Spice, FPGA prototyping, and assembly language programming. My Masters project used LabVIEW to make an FFT-capable software oscilloscope.

Between each year of university, and ever since, I've done internships all around the world. I wrote embedded system interface software in C for a medical device at Fisher & Paykel Healthcare in New Zealand. I completed many projects at Egoman, the Raspberry Pi manufacturer, to show how it can be used. For example, making a USB-to-WiFi server to access USB devices on my iPhone, interfacing with the Nokia 3310 LCD, an FM transmitter through GPIO, and programming a CPLD through JTAG over GPIO. I also have an RTL2832U software-defined radio for listening to aircraft ADS-B data.

My current internship will finish at the end of July, and I must leave India before my visa expires on the 11th of August. Although Essmart aren't an electronics manufacturer, I've been involved in product testing. For example, the Nano Ganesh product here is similar to your SMS relay. I also like to have ideas and test them - I recently discovered that the MagSafe connector on my MacBook Pro has a voltmeter, and I can now use it as an analogue input thanks to a half-cable. I have a few ideas for Yoctopuce: using a Nokia 3310 LCD, camera modules, and more.

As well as circuit design, I also have experience in tech support, PCB manufacturing, Linux web servers, shell scripting, Mac and iPhone programming, and Cisco networks. I'm happy to talk more about any experience you're particularly interested in!

I hear that Yoctopuce is a relatively small company based in a garage in Cartigny. That sounds like how I build most of my projects, but I'm impressed at how you're able to make it commercial! I entirely understand if you already have enough staff to meet your needs at present. If you do have any job opportunities though, please let me know! It would be a pleasure to contribute to your company.

Best regards,
Peter Burkimsher
http://peterburk.github.com