Gustavo CIOTTO PINTON

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EDUCATIONAL BACKGROUND

2015 - 2016 **2011 - 2013**	**UNICAMP University of Campinas**, Campinas, Brazil. Undergraduate - majoring in Computer Engineering.	
2013 - 2015	**SUPÉLEC École Supérieure d'électricité**, Gif-Sur-Yvette, France. Double Degree in Electrical and Computer Engineering.	
2008 - 2011	**COTUCA – Technical School of Campinas**, Campinas, Brazil. Technical degree in Computer Science.	

LANGUAGE SKILLS

Portuguese	Mother tongue.
French	**562** points on **TCF**, equivalent to the **C1** CEFR level. Test Date *May 2015*.
English	**633** points out of 677 on **TOEFL ITP**. Test Date *March 2015*.

COMPUTER SKILLS

Systems	Linux (Ubuntu, ArchLinux distribuitions and Embedded Linux), Windows.
Languages	C/C++, Python, Java, PHP, SQL, LaTeX.
Software	Eclipse, *Qt* Creator, Kinetis Design Studio, Control System Studio, Matlab, MySQL Workbench, Microsoft SQL Server, Microsoft Visual Studio.
Embedded	BeagleBone, FRDM-KL25Z.

PUBLICATIONS

07/2016	*S. Lescano, A. R. D. Rodrigues, E. P. Coelho, G. C. Pinton, J. G. R. S. Franco and P. H. Nallin*. **UVX control system: An approach with Beaglebone Black**. Personal Computers and Particle Accelerator Controls, 2016.

PROFESSIONAL EXPERIENCE

Present	Development Analyst, **National Center for Research in Energy and Materials - CNPEM, Campinas, Brazil.**
02/2016 - 12/2016	Intern, **National Center for Research in Energy and Materials - CNPEM, Campinas, Brazil.**

- Development of software and hardware for the Sirius synchrotron light source's control system. Installation of EPICS control systems - alarms monitor, variables archiver and *StreamDevice*. Development of Linux Kernel Module Drivers for a BeagleBone Black board. Development of Qt and general applications for embededded Linux.

08/2015 - 12/2015	Laboratory assistant, **FEEC UNICAMP, Campinas, Brazil.**

- Assigned to assist the students during the lab sessions of the discipline *EA871 - Laboratory of Digital Systems Programming* . Programming of the NXP's FRDM-KL25Z kit.

02/2013 - 07/2013	Laboratory assistant, **IC UNICAMP - Institute of Computing, Campinas, Brazil**

- Worked within a fundamental algorithms discipline (arrays, sorting and search algorithms, recursion, pointers, files) taught to first year Computer Engineering students at UNICAMP.
- Assigned to assist the students during fifteen lab sessions and to create exercises and projects, developed in C language.

08/2011 - 06/2012	Undergraduate research activity based on computer networks, **IC UNICAMP – Institute of Computing, Campinas, Brazil**.

- Analyzed the performance of distributed programs in terms of operating systems, Java Virtual Machine (JVM) and hardware conditions.

12/2010 - 02/2011	Intern, **MOVILE, Campinas, Brazil**.

- Maintained the company's database (MySQL Server) and web systems (PHP and JavaScript).