

Gustavo CIOTTO PINTON

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<http://gciotto.github.io/portfolio>

EDUCATIONAL BACKGROUND

2016 - Present	UNICAMP University of Campinas , Campinas, Brazil. Master's degree in Computer Science - currently attending classes as special student.
2015 - 2016	UNICAMP University of Campinas , Campinas, Brazil.
2011 - 2013	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 <i>May 2015</i> .
English	633 points out of 677 on TOEFL ITP . Test Date <i>March 2015</i> .

COMPUTER SKILLS

Systems	Linux (Ubuntu, ArchLinux distributions 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.

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. <ul style="list-style-type: none">Development of software and hardware for the Sirius synchrotron light source's control system. Installation of EPICS control systems - alarms monitor, variables archiver and <i>StreamDevice</i>. Development of Linux Kernel Module Drivers for a BeagleBone Black board. Development of Qt and general applications for embedded Linux.
08/2015 - 12/2015	Laboratory assistant, FEEC UNICAMP, Campinas, Brazil. <ul style="list-style-type: none">Assigned to assist the students during the lab sessions of the discipline <i>EA871 - Laboratory of Digital Systems Programming</i>. Programming of the NXP's FRDM-KL25Z kit.
02/2013 - 07/2013	Laboratory assistant, IC UNICAMP - Institute of Computing, Campinas, Brazil <ul style="list-style-type: none">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, Campinas, Brazil. <ul style="list-style-type: none">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. <ul style="list-style-type: none">Maintained the company's database (MySQL Server) and web systems (PHP and JavaScript).

PUBLICATIONS

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