

Gustavo CIOTTO PINTON

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EDUCATIONAL BACKGROUND

2016 - Now	UNICAMP University of Campinas , Campinas, Brazil. Master's degree in Computer Science - currently attending classes as special student.
2015 - 2016 2011 - 2013	UNICAMP University of Campinas , Campinas, Brazil. Undergraduate - major in Computer Engineering. Graduated with distinction.
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 (May 2015).
English	633 out of 677 on TOEFL ITP (March 2015).

COMPUTER SKILLS

Systems	Android, Linux (Ubuntu, ArchLinux distributions and Embedded Linux), Windows.
Languages	C/C++, Python, Java, \LaTeX .

PROFESSIONAL EXPERIENCE

Now Aug/2018	Software engineer, Eldorado Research Institute, Campinas, Brazil. <ul style="list-style-type: none">As part of the multimedia engine team, worked in the development and bug correction of Android's camera bottom layers (HAL and kernel driver source code), including support for Google's compliance tests (CTS), Android upgrades and device bring-ups.
July/2018 Feb/2017	Development analyst, Brazilian Synchrotron Light Source Laboratory - LNLS, Campinas, Brazil. <ul style="list-style-type: none">Main responsible of the Controls Group's network topology (routing and switching) conception and hardware specification. Design and management of the group's IT service infra-structure, including servers and storage units: GlusterFS, Docker Swarm (and Compose), Kubernetes. Development of general embedded applications in C, C++ and Python based on Qt framework and EPICS APIs.
Dec/2016 Feb/2016	Intern, Brazilian Synchrotron Light Source Laboratory - LNLS, Campinas, Brazil. <ul style="list-style-type: none">Software and hardware development for Sirius synchrotron light source's control system. Development of Linux kernel module drivers and general applications for embedded devices based on Qt framework and EPICS APIs.
Dec/2015 Aug/2015	Undergraduate teaching assistant, FEEC UNICAMP, Campinas, Brazil. <ul style="list-style-type: none">Assisted the students during the <i>Laboratory of Digital Systems Programming</i> course's lab sessions. Each session focused on a different feature available in the FRDM-KL25Z kit, such as general-purpose IOs, DA/AD converters, I2C interfaces, UART, PWM and IRQ interruptions.
July/2013 Feb/2013	Undergraduate teaching assistant, IC UNICAMP - Institute of Computing, Campinas, Brazil <ul style="list-style-type: none">Assigned to assist the students enrolled in the <i>Algorithms and Computer Programming</i> course, consisting of a course taught to the first-year computer engineering students.

Feb/2011 Technical intern, **Movile, Campinas, Brazil.**

Dec/2010

- Assigned to fetch service reports from the company's databases, hosted mainly on MySQL and Postgres servers. Short time in the web development area, where acted to fix bugs in JS and PHP scripts.

PUBLICATIONS

July/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.

AWARDS

Dec/2016 **Engineering Institute Award, Instituto de Engenharia**
Honorable Mention Certificate, CREA-SP.
Outstanding Student, Brazilian Computer Society.
Best student of the graduating class of 2016 of the Faculty of Electrical and Computer Engineering - FEEC - UNICAMP.

June/2013 **Eiffel Excellence Scholarship Winner, Campus France.**