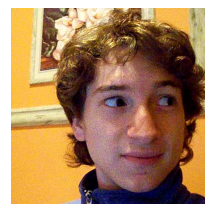


Curriculum Vitae

Marcos Ariel Chaparro



Personal information:

Nationality: Argentino

Place of birth: Puerto Belgrano, Buenos Aires, Argentina

Date of birth: 28 August 1987.

D.N.I.: 33.120.528

Marital status: Single

Address: Martín García 184, Punta Alta, Buenos Aires

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Education:

High School: “Bachiller con orientación Ciencias Naturales”, Inst. José M. Estrada – Punta Alta. 2005.

University: Electronic Engineering, at [U.T.N.](#) - Bahía Blanca. 26 courses passed

Skills

Electronics, Neural Networks, Linux and Windows.

C programming for microcontrollers ARM, Microchip PIC and dsPIC, and a bit of Freescale S12.

Qt4 framework.

Real time software (preempt-rt linux, Xenomai, MaRTe OS, CoCoX) running in x86, ARM cortex and Microchip PIC16.

Design,pcb [layout](#) and low scale [production](#) of embedded systems.

Laboral experience:

2008-2009: Researcher for the “Grupo de Estudios de Bio-Ingeniería” ([GEBI](#)) in the Universidad Tecnológica Nacional.

2009-2010: Intern at the Hospital Naval Puerto Belgrano, repairing electromedical instruments and designing upgrades for the centrifuges of the lab.

2010-2011: Member of DIYEFI.org, designing [hardware](#) for the [FreeEMS](#) project, with many prototypes sold around the world. Also in charge of a [GUI](#).

Languages:

Spanish, native fluency

English, poor fluency, good written practice.

Publications:

2010: Co-author of the paper “Herramienta Computacional Para la Determinación de Mapas Electromagnéticos de Radiofrecuencias.” N. Mata, P. Baldini, Ch. Galasso, M Chaparro, M Silva Bustos. Exposed at [EMNUS](#) 2010, UTN, FR Haedo.

Other activities:

2007: Development and testing of an [Engine Management Sytem](#), intended to be an extremely cost-effective solution to replace carburetors.

2008: [ACM-IBM international collegiate programming contest](#) , representing the UTN FRBB at the Universidad de Buenos Aires.