

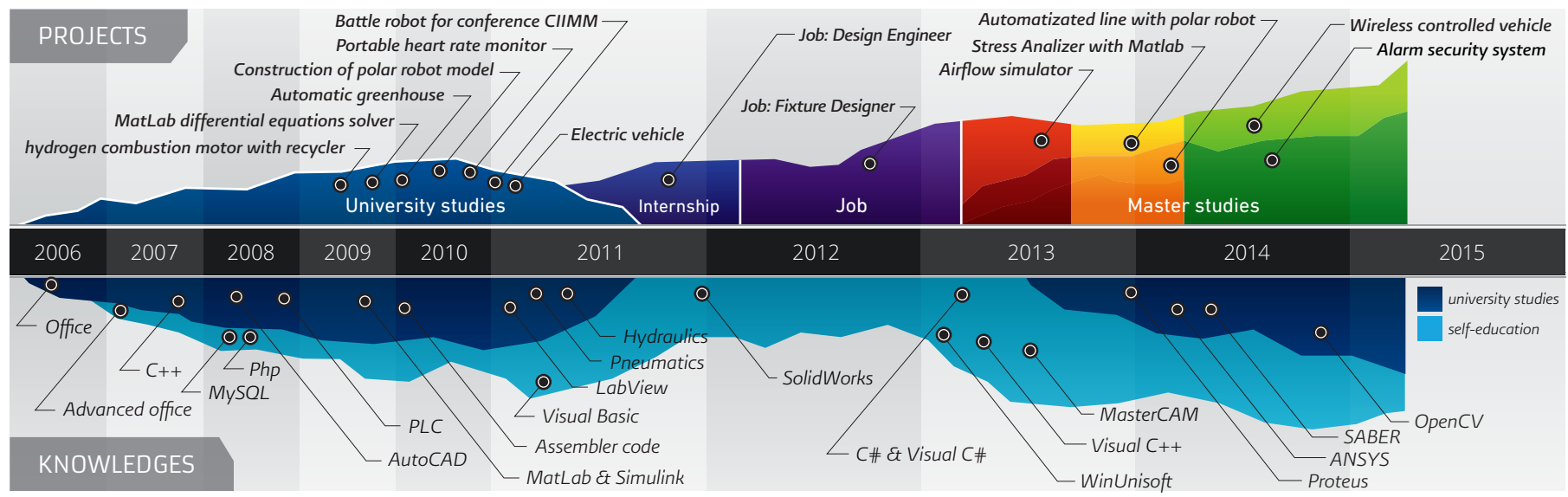


FRANCISCO JAVIER RAMÍREZ RODRIGUEZ

MECHATRONIC ENGINEER.



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Hello, I am a Mechatronic engineer with experience in CAD & CAM design. I am passionate of programming, deeply creative, brimful of ideas and a big enthusiast for electronics and robotics.

LANGUAGES



English 80%



Deutsch 20%



Spanish NATIVE

OBJETIVE

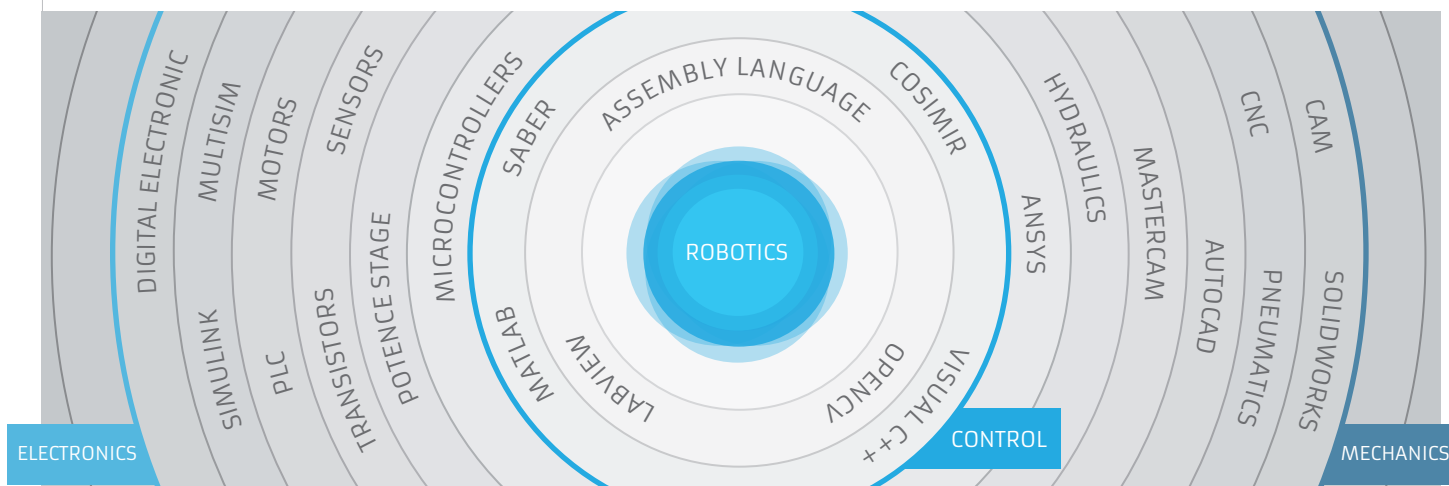
“ Ideas and creativity are the most important thing, they have made us evolve socially from the beginning of humanity and they are fundamental to distinguish ourselves from other living beings.

My objectives are to work hard, generate ideas and to be creative, thus I will enhance my place of work because, improving the company, I improve myself. An enterprise with neither ideas nor creativity would remain in what was good sometime ago. ”





KNOWLEDGES



1 Fixture designer

The time worked: **1 year** 03.2012 to 03.2013

The work consisted of the elaboration of pieces from the concept, measuring, designing, programming and finally to the machining, of course, I had a very capable and experienced team to machine the pieces. I was the lead designer in the fixture department and CNC machining trainer for new team members.

For the design and creation of pieces I utilized design programs such as AutoCAD, Solidworks and MasterCAM. I gathered one year of experience at Tyco Electronics Company, it is an enterprise with a very extensive variety of products, covering areas from automotive to aeronautics.

2 Design engineer

The time worked: **1 year** 01.2011 to 01.2012

In this period was performed an internship with an aeronautical parts manufacturer and design engineer was my last position. I started as an assistant and in only one year I grew up in responsibilities, I passed through CNC operator, Quality inspector until Design Engineer in which I was able to design the pieces for manufacturing in CNC.

In this company I won great experiences, they educate me in CNC design, tools and materials. They were very qualified tutors and persons.

The pieces fabricated are used in electronic medical instruments, trains and aeronautics.

EXPERIENCE

Company:



Place:

Empalme, Son.
Mexico.

Utilized technologies:

CNC: HAAS, centroid, yamaha
Software: AutoCAD, Inventor, SolidWorks, MasterCAM, WinUnisoft

The time worked:

1 year
03.2012 to 03.2013

Company:



Place:

Guaymas, Sonora,
Mexico.

Utilized technologies:

CNC: HAAS
Software: SolidWorks, MasterCAM

The time worked:

1 year
01.2011 to 01.2012



FRANCISCO JAVIER RAMÍREZ RODRIGUEZ
MECHATRONIC ENGINEER.

Design, development, passion and creativity

EDUCATION

— NOWADAYS STUDYING AT —

Fachhochschule of Aachen
MASTER DEGREE IN MECHATRONICS

GRADUATED AT

Hermosillo Institute of Technology
2006 - 2011, MECHATRONICS ENGINEER



HOBBIES

I am a design lover, I like to spend part of my free time to create visual impressions mostly for internet and multimedia, I am also a fan of programming with several applications developed for projects in the university and for personal use.

- > Web design
in PHP, javascript and CSS
- > Graphics design
in Fireworks, Illustrator, Photoshop
- > Applications developer
in visual C++, visualbasic and visual C#
- > Mountain biking