



CURRICULUM VITAE

JOSÉ ANTONIO MESA S.

PERSONAL INFORMATION

Place of Birth	Valencia, Venezuela
Date of Birth	17/08/1990
Gender	Male
Nationality	Venezuelan, Spanish
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Languages	Spanish, English, Dutch (beginner)

PROFILE

I was born and raised in Venezuela and from an early age I found myself having interest in mathematics and physics. This led me to study electrical engineering at the University of Carabobo, Valencia, Venezuela. During the last part of my studies I specialized in electronics and communication and I discovered my interest for software development.

After obtaining my master degree I moved to the Netherlands. Since the beginnings of 2015 I have been living in Amsterdam studying to improve my English, learn Dutch as well as expanding my knowledge about software development.



ACADEMIC QUALIFICATIONS

[2007] – [2014] Master Degree (M. Eng), *Electric Engineering - Electronics and Communications*. Faculty of Engineering, [University of Carabobo], [Valencia, Venezuela].

[2014] Thesis *Development of software for industrial safety, intended for visualization and location of fire alarms, implemented in a computer Raspberry Pi Model B*: development of a graphic application for viewing the location and behavior of fire alarm in real time, under the language of python and PyQt4 library, implemented with a raspberry pi model B connected to a Firenet Plus 1127E of the brand Hochiki America.

[A list of university courses will be given upon request.]

COURSES

[2016] Photoshop CC for Web Design online course on Lynda.com.
MySQL Essential Training online course on Lynda.com.
Building a website with Node.js and Express.js online course on Lynda.com.
CSS Fundamentals, online course on Lynda.com.
HTML5: Structure, Syntax and Semantics, online course on Lynda.com.

[2014] Installations and maintenance of fire alarm systems form the brand Hochiki America for the industrial sector, trained at AV Engineer Installations C.A.

[2013] Kinematics and programming of industrial robots, course taught by Prof. Wilmer Sanz.

[2013] Software development methodology, course taught by Prof. Ricardo Villegas.

[2010] Design of Residential Electrical Installations, taught by Ing. Dorimar Delpino.



EXPERIENCES

- [2014] Internship at AV Engineer Installations C.A.. Installation and maintenance of fire alarms of the brand Hochiki America.
- Projects: Servomotors speed control by a close loop system implemented with a PIC16F887 microcontroller.
- Automatic control of a low-tension transfer board implemented with a PIC18F4620 microcontroller.
- Development of a measure and storage system for temperature and relative humidity implemented with a sensor SHT21, an EEPROM memory 25LC512 and a PIC18F4620 microcontroller.

TECHNICALS SKILLS

- Personal Skills: An accurate, efficient, hardworking and motivated person with strong skills as logic rationalization, team work, a good eye for aesthetics and a big sense for self-improvement.
- Hobbies: Painting with oils, charcoal and color pencils. Play piano and guitar, sports and fitness, reading.
- Programming Languages: C, Python, Visual Basic, JavaScript.
- O.S.: Windows, Linux, Raspbian.
- Markup Languages: HTML5, CSS3.
- Software Platform/Framework: Angular.js, Node.js, Express.js, PyQT4, jQuery.
- Data interchange format: JSON.
- Protocols: RS232, Bus I2C, USB.
- Software Development: UML, MVC, Object oriented and Event oriented.
- Simulation tools: LTSpice, Matlab, Proteus.
- Hardware Board: Raspberry Pi Model B, Microcontrollers series PIC, PLC Siemens.
- Database: MySQL.
- Graphics Editor: Adobe Photoshop, Adobe Illustrator.