



Rodrigo Duarte

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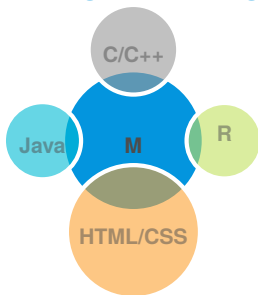
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Programming



OS Preference

GNU/Linux ★★★★★
MacOS ★★★★★
Windows ★★★★★

Languages

Spanish ★★★★★
English ★★★★★
German ★★★★★

Experience

- 2012 - 2014 **Manager** [Mega Logística S.R.L.](#)
Was in charge of a truck fleet, to load them and to receive them.
- 01/10 - 02/10 **Information Technology - Internship** [Mega Sur S.R.L.](#)
Learned how to configure a printer, how to recharge an ink cartridge, how to install an OS to a computer and how to overhaul a computer.

Education

- 2014 - Now **Bachelor's Degree in Industrial Engineering** [Universidad Paraguayo Alemana](#)
Learned skills in: Project Management, Automation and Programming.
- 2012 - 2013 **Ingeniería Electromecánica (discontinued)** [Universidad Nacional de Itapúa](#)
- 2011 - 2013 **Private Pilot Licence** [Aeroclub Colonias Unidas](#)
Learned how to fly an aircraft.
- 2009 - 2011 **Bachillerato Técnico en Informática** [Colegio Experimental de la Universidad Católica de Encarnación](#)
Learned skills in: IT, Visual Basic, C.

Certifications

Used Coursera.org and edX.org, both are massive open online course (MOOC) platforms, to acquire skills and knowledge in: motion planning, physical chemistry, aerial robots, non-linear differential equations and MATLAB.

- 03/2016 **Robotics: Computational Motion Planning** [University of Pennsylvania](#)
Learned to plan simple unmanned aerial vehicles routes, which sensors they use to capture the world around them and how it is processed.
- 02/2016 **Introduction to Physical Chemistry** [University of Manchester](#)
Learned and acquired key knowledge in thermodynamics, kinetics and quantum mechanics.
- 01/2016 **Robotics: Aerial Robotics** [University of Pennsylvania](#)
Acquired knowledge about aerial robotics, what uses are there for drones and how do they operate.
- 09/2015 **Nonlinear Differential Equations: Order and Chaos** [Boston University](#)
Learned to solve nonlinear differential equations qualitatively, quantitatively and graphically.
- 06/2015 **Introduction to Programming with MATLAB** [Vanderbilt University](#)
Acquired skills and knowledge about MATLAB and how it works.