



Miguel Ángel López Martínez

Curriculum Vitae

I am currently studying Aerospace Engineering in Air Navigation degree. Moreover, I have the Student Air Traffic Controller license.

Personal data

Name	Miguel Ángel López Martínez	Mobile	+34 616 369 838
Birth Date	27 November 1993	Phone	+34 912 513 563
Address	Calle Mejorada del Campo n ^o 7, 28914 Madrid	E-mail	mig93lop@gmail.com

Education

- 1996–2011 **Primary and Secondary School**, *Colegio Legamar, Madrid, Private School* .
- 2011–2011 **First Certificate in English**, *University of Cambridge, B2 level*.
- 2011–2012 **Basketball Coach** , *Federación Madrileña de Baloncesto* , .
- 2011–2015 **Degree in Aerospace Engineering in Air Navigation**, *Universidad Rey Juan Carlos*, It is to remark that the whole degree is given completely in English. , *GPA – 7.4*.
Currently I am coursing the second semester of third course of Aerospace Engineering in Air Navigation Degree with the best grade of my class. I have passed successfully 150 credits.
- 2012–2012 **FEAST I and FEAST II**, *Universidad Carlos III de Madrid*, *I have sucessfully passed FEAST I and FEAST II*.
- 2012–2013 **Student Air Traffic Controller**, *Universidad Carlos III de Madrid*, *ADV-ADI Ratings and TWR-AIR-GMC-RAD rating endorsements* .
The second in my class
- 2013–2013 **Lingüistic Competence**, *Gestair Flying Academy, Nivel 5*.
- 2013–2013 **Network operations training**, *Eurocontrol and UC3M -Centre for Aeronautical Training and Services*, .
I have completed the following course content reference, corresponding to Eurocontrol distance training platform: Flight Activation Monitoring, CITO - CHMI Interface for Towers, Principles of Direction Finding, Area Navigation in European Terminal Control.

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2013–2013 **Unusual and Emergency Situations & Level Bust**, *Eurocontrol and UC3M - Centre for Aeronautical Training and Services*, .

I have completed the following course content reference, corresponding to Eurocontrol distance training platform: Unusual and Emergency Situations Training, Level Bust.

2013–2013 **Introduction to ATFCM**, *Eurocontrol*, .

I have completed the following course content reference, corresponding to Eurocontrol distance training platform: Introduction to ATFCM.

Additional knowledges

- Prezi On-line presentation software that opens up a new world between whiteboards and slides
- MATLAB Differential equations, airfoil profiles analysis, high complexity works performed with Matlab
- L^AT_EX Use of LATEX template during two degree years
- Simulink Building signals and controlling systems in Simulink
- Word Word office suite
- AutoCAD Computer aided design
- Excel Excel office suite, Excel spreadsheets
- LabVIEW Avionic Systems development
- ANSYS Finite Elements aApplication in Aerospace Engineering.
- Fluent Aerodynamic studies over airfoils.
- Animoto High quality video presentation design.
- ADS-B Research project about ADS-B development.
- Kevlar In deep project research about kevlar application in Aerospace Industry.
- CARATS Project research about Collaborative Actions for Renovation of Air Traffic Systems
- Ampl Solving Fleet Assignment Models, Itinerary Fleet Assignment Models and Aircraft Maintenance Routing Models in Ampl.
- EGNOS More EGNOS in deep knowledge, how it works, how errors are mitigated and how it helps to air navigation.
- Education I have taught Mathematics, Physics, Chemistry and English classes to Secondary School Students (Ages from 14 to 18)

Languages

Spanish **Mother tongue**

English **Advanced**

Conversationally fluent

Interests

- Sports
- Basketball
- Aircrafts
- Formula 1

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Other interesting data

- B-1 driving licence
- Own Vehicle
- Available to travel
- Some Aerospace Engineering in Air Navigation lecturers letters of recommendation
- I have great teamwork skills when both taking part or managing one. I have the hability to find different solutions to unexpected problems being able to adapt in different enviroments. I desire to acquire knowledge and be open to new people and new ideas.
- I am going to perform my end of degree project in "Structural Health Monitoring based on Carbon Nanostructures Networks for Aerospace Applications"

References available upon request

For further information, please contact me.