



ALEX GARCÍA

Multidisciplinary Engineer

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SKILLS

Holistic thinking
Fast learner
Creative
Project management
Python
Javascript

LANGUAGES

English: Proficient (TOEFL 104)
Spanish: Native
Gallego: Native
German: Learning

INTERESTS

European Voluntary Service for 2 months in Gaziantep, Turkey. Teaching refugees' children.

Self-published a book about travelling.

Karate black belt.

WORK EXPERIENCE

R+D Engineer at WTG blades department. [IM Future. 2017-2019](#)

- Managed development projects from concept to functional prototypes, bringing together people from different companies.
- Audited several blade manufacturing factories as an independent expert.
- Consulting and technical support.

Design and manufacture engineer. [Colyaer: Light aircrafts 2016-2017](#)

- Managed the workshop team and controlled the quality and manufacture of the composite parts.
- Designed parts of the aircraft.
- Consulting and technical support.

Engineer assistant at WTG blades department. [IM Future. 2016](#)

- Designed and modeled parts and tools to be 3D printed.
- Consulting and technical support.

Research Internship. [Fraunhofer ICT. 2014](#)

- Composite material recycling . Proposal for Horizon 2020 program.

SOME PROJECTS

DroneWind project: Concept, design and development of an innovative solution to perform visual blade inspections without stopping a wind turbine using an embedded system on a drone. 3D printed hardware with Arduino and python software.



Aerospace engineering thesis: Preliminary concept and design of an innovative electric aerobatic aircraft.



Master thesis: Analysis of added devices to improve performance on wind turbines using real performance data and CFD simulations.



FORMAL EDUCATION

Aerospace engineering. UEM, Madrid. 2010-2014.

Master on energy and sustainability. Universidad de Vigo, 2015-2016