

# DANIEL GONZALEZ REINA

Mechanical Engineer and Software Developer

[dangonrei@gmail.com](mailto:dangonrei@gmail.com)

[dgrcode.github.io/portfolio](https://dgrcode.github.io/portfolio)

0034 667257829

---

## EXPERIENCE

### **Programming Retreat, Recurse Center** – *May 2017 - Aug 2017*

- [Cahat](#): Chat service which I did to improve my knowledge about JavaScript, React, Redux, WebSockets and MongoDB.
- [KTracer](#): Ray Tracer written in Kotlin for learning Computer Graphics and a new language.

### **Supply Chain Manager, ATIS (working for Airbus)** – *Oct 2015 - Mar 2016*

- Coordinated the warehouse and repair shop. Implemented a new system that allowed us to repair many parts that were scrapped before, and improved parts availability.

### **FAL Aircraft Manager, Airbus** – *May 2015 - Oct 2015*

- Followed production process of 5 different aircrafts and successfully reached milestones.
- Weekly reported to Top Management.

### **FAL Quality Intern ,Airbus** – *Feb 2014 - Feb 2015*

- Management of non-conformities. Closed more than 90% of all points. Half of them were opened before I started, which could not be closed before.

## EDUCATION

### University

#### **2013, MEng in Mechanical Engineering, University of Seville.** Grade 7 / 10

- Final Project: Swing arm design for a competition motorbike.
- 2012/13 Erasmus year at ISEP in Porto, Portugal

## Online

#### **March 2017, Algorithm specialization by Stanford University, Coursera.**

Certification number [HV7Y5DEGYRWY](#)

#### **In progress, Full Stack web development, FreeCodeCamp.**

My Profile [here](#).

#### **In progress, Intro to Machine Learning, Udacity.**

## LANGUAGES

Mother tongue: **Spanish**

Advanced: **English, Portuguese**

Beginner: **French**

## SIDE PROJECTS

**Coursera Mentor** – *Nov 2016 - Present*

- Currently mentoring 5 courses of Algorithms by Stanford University

**Barchetta 01** – *Oct 2012 - Jul 2013 – Porto (PT)*

- Design of a Formula 3 prototype vehicle
- FEM Analysis and improvement of an existent prototype's chassis. Test with different composite materials to build the new chassis.

**Motostudent Competition** – *Mat 2011 - Oct 2012 – Seville (ES)*

- Design and manufacture of a competition motorbike.
- Swing-arm design with Catia V5 and FEM analysis.

## PERSONAL SKILLS

**Programming languages:** JavaScript, Python, Java.

**Personal interests**

- I love learning. I learn fast by doing and understanding
- I have passion for cutting edge technologies, innovation and improvement
- I solve problems efficiently by reasoning

## OTHER COURSES

**November 2016, Coursera Mentor Community and Training Course, Coursera.**

**October 2016, Successful Negotiation by University of Michigan, Coursera.**