

# Rubén Morales Pérez

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## Education

2014 - ...

**Double bachelor in computer sciences and mathematics** - University of Granada

Field

Computer sciences: *Artificial intelligence*

Mathematics: *Applied statistics*

2017 - 18

**Erasmus** - Durham University (UK)

2012 - 14

*General Certificate of Education in sciences* - IES Francisco Ros Giner (Spain)

## Languages

Native speaker of *Spanish* and fluent in *English*

## Knowledge

### Languages

Programing: C/C++, Java, JS, Python, Ruby, R, Haskell, Bash, x86 assembly, AIML

Typesetting systems: Markdown, Latex

Symbolic computation: Maxima

### Mathematics

Statistical inference

Numerical analysis

Differential equations and partial differential equations

Modeling

Differential geometry

### Databases

Relational: MySQL/SQL

Non-relational: MongoDB

### SysAdmin and networks

GNU/Linux, Windows server, VirtualBox, remote servers

Wireshark, VPNs, routing

### Version control

Git/GitHub

Continuous integration with Travis CI

### Apps and Graphical User Interfaces

Android development at Universidad Internacional de Andalucía (UNIA)

React native, Javascript framework for building native mobile apps (iOS & Android)

Desktop applications with Java

Automate GUIs with SikuliX

## Work experience

July-August 2015

**Waiter in Ele Tapas Restaurant.** (Utrecht, Netherlands)

July 2014

Work in an **advertising agency** called *Marcate Soc Coop* (Lorca, Spain)

July-August 2013

**Tutor in mathematics** (Lorca, Spain)

## Other contributions

**Open source** in GitHub

Lecture notes for different subjects

Rubik's cube solver

Anki decks of several subjects

**Societies and interests**

LibreIM: popular science related to mathematics and computer sciences

Interferencias: digital rights, security and related topics