

Rubén Morales Pérez

✉ rbnmp@protonmail.com

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Education

2014 - ... \

Double bachelor in computer sciences and mathematics - University of Granada

Specialization\

Computer sciences: *Artificial intelligence*

Mathematics: *Applied statistics*

2017 - 18

Erasmus - Durham University (UK)

Languages

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

Knowledge

Languages

Programing: C/C++, Java, JavaScript/TypeScript, Python, Ruby, R, 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

Database

Relational: MySQL/SQL

Non-relational: MongoDB

SysAdmin and networks

GNU/Linux, Windows server, VirtualBox

Wireshark, VPNs, routing

Version control

Git

Continuous integration and delivery with Jenkins

User Interfaces

Android development at Universidad Internacional de Andalucía (UNIA)

React native: native mobile apps (iOS & Android)

Desktop applications with Java

Automate GUIs with SikuliX

Testing

Junit, Mockito (Java)

Karma, Jasmine (Angular)

Selenium

Work experience

July 2019 - ...

Full stack developer at ELCA

Back end with Java, JUnit, Spring

Front end with Angular, Karma, Jasmine

Dokku for deployment and database administration with MySQL and Flyway

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