

David CHARTE

PERSONAL DATA

FULL NAME: Francisco David Charte Luque
PLACE AND DATE OF BIRTH: Spain | 19 October 1994
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EDUCATION

2012 - 2017 Degree in COMPUTER SCIENCE
240 ECTS credits, **Universidad de Granada**, Granada
MEAN GRADE: 9.4/10

2012 - 2017 Degree in MATHEMATICS
240 ECTS credits, **Universidad de Granada**, Granada
MEAN GRADE: 9.04/10

2017 INTERNATIONAL SUMMER SCHOOL ON DEEP LEARNING
Universidad de Deusto and Rovira i Virgili University

2014 (COURSE) A PRACTICAL APPROACH TO DATA SCIENCE AND BIG DATA
Universidad Internacional de Andalucía

2013 (COURSE) NEW TRENDS ON COMPUTER ENGINEERING
Centro Mediterráneo (Universidad de Granada)

2007 - 2012 PROJECT FOR DETECTION AND STIMULUS OF MATHEMATICAL TALENT (ESTALMAT)

LANGUAGES

ENGLISH: Cambridge CAE (C1 level with C2 abilities)
SPANISH: Mother tongue
FRENCH: DELF B2 certificate (B2 level)

COMPUTER SKILLS

Programming languages

Advanced knowledge: Ruby, C++, R, JavaScript
Intermediate knowledge: Python, Java, C, Bash/shell
Basic knowledge: Haskell, Mathematica, Maxima

Additional skills and experience: UNIX, SQL, Web development (HTML, CSS), LaTeX

OTHER SKILLS

- Fast learner
- Good mediator

RESEARCH

Member of the [Soft Computing and Intelligent Information Systems](#) research group at Universidad de Granada.

Deep Learning: *Análisis visual de técnicas de Deep Learning no supervisado*
D. Charte, F. Charte and F. Herrera (CAEPIA 2016)

Multilabel classification: *Working with Multilabel Datasets in R: the mldr Package*
F. Charte, D. Charte (The R Journal, 2015)
mldr: Paquete R para Exploración de Datos Multietiqueta
D. Charte, F. Charte (CAEPIA 2015)

PROJECTS

- [Ruta](#): An R package for training of unsupervised Deep Learning techniques.
- [feature-selection](#): A Ruby gem implementing several well-known metaheuristics to deal with the feature selection problem.
- [mldr](#): An R package for exploratory data analysis and manipulation of multilabel datasets.
- [ballot](#): A benchmark for CPU scaling governors of the Linux kernel.
- [Veaml](#): A markup language and parser for video editing tasks, in C++.
- [Advanced Sharer](#): A web service allowing to share links onto decentralized social networks.

[All open-source projects in GitHub](#)

INITIATIVES AND COMMUNITIES

LibreIM (Co-founder): A student group dedicated to Mathematics and Comp-Sci. We give talks and host collaborative projects.

Interferencias (Participant): Nonprofit group interested in Internet rights and security.