



Álvaro Riobóo de Larriva

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- 25 years old from Spain.
- Passionated and patient about my work and dedicated to it.
- Used to think over complex problems and solve them.

CAREER OBJECTIVE

- I am looking forward to involve in **Real World Projects**.
- I want to work with a team where I can apply my knowledge and gain practical and professional experience.
- **Currently seeking internship in fields of my interest** – Deep Learning, Machine learning, Astrophysics, Big Data, Computer Vision.

HIGHER EDUCATION

IMF Business School + University of Nebrija : online modality

M.Sc.: 60 ECTS

Big Data & Business Analytics

- (speciality) Data Scientist
- MSc Thesis: <To determine yet>

University of La Laguna (ULL)

M.Sc.: 90 ECTS (~ 1, 5 years)

Astrophysics

- (speciality) Theoretical/Computational Astrophysics
- MSc Thesis: "Galaxy evolution with Deep Learning"

Complutense University of Madrid (UCM)

B.Sc.: 320 ECTS (~ 4 years)

Physics

- (speciality) Fundamental Physics - Astrophysics
- BSc Thesis: "Integral Field Spectroscopy (IFS) in nearby galaxies: gas kinematics"

Seville, Spain

Mar. 2020 – Present.

Tenerife, Spain

Oct. 2017 – Sep. 2019

Madrid, Spain

Oct. 2012 – Mar. 2017

MOOCs

Coursera

- Machine Learning (Stanford University) _____ [~ 10 weeks]
- (Specialization:) Deep Learning (deeplearning.ai) _____ [~ 16 weeks]
 1. Neural Networks and Deep Learning
 2. Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
 3. Structuring Machine Learning Projects
 4. Convolutional Neural Networks
 5. Sequence Models

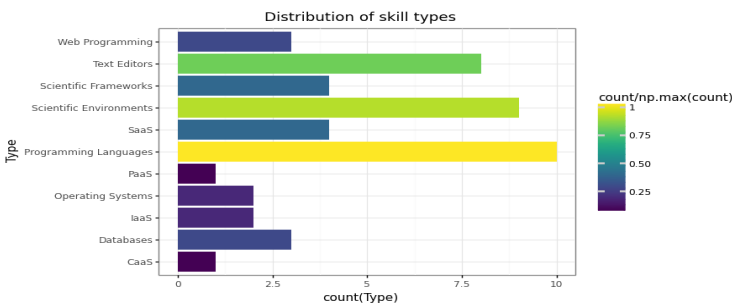
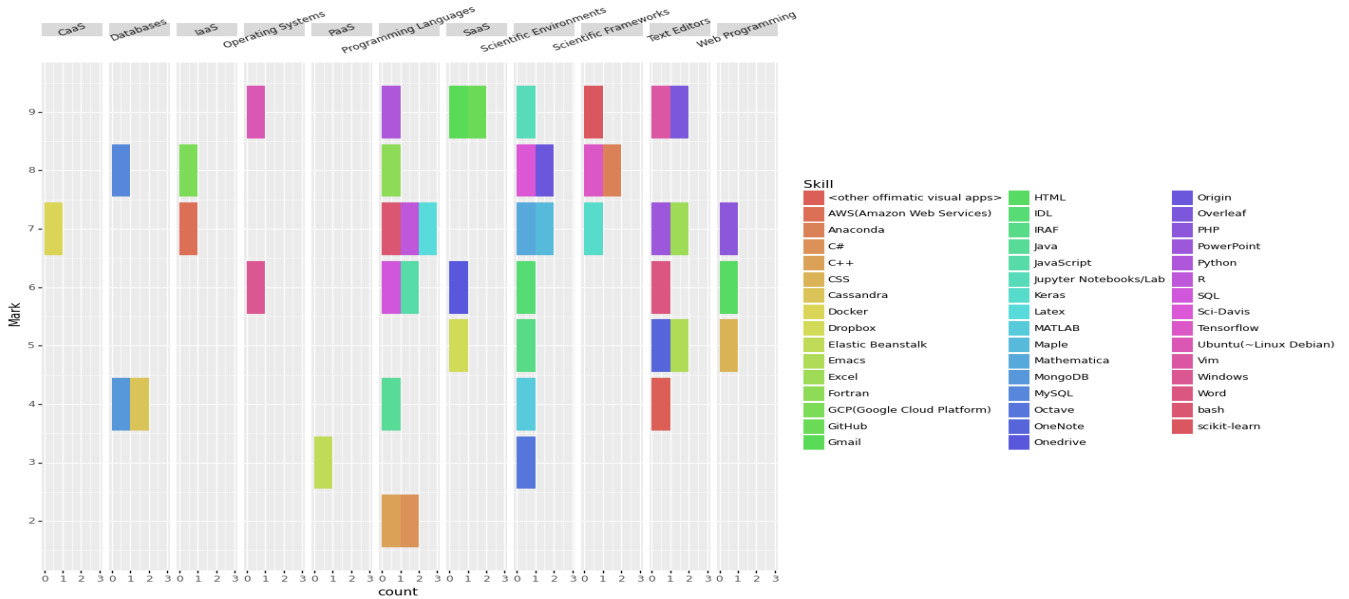
PROJECTS

LorDB: A community and service to share databases between users, inspired on Kaggle.

chess-analyzer: An automatic analyzer of games given a chess module and a set of parameters.

ADVANCED TECHNICAL SKILLS & KNOWLEDGE AREAS

- o Programming Languages – **Python**[very good], **R**[good], **bash**[good], **SQL**[good], **Fortran**[medium], **Java**[medium], **JavaScript**[medium], **C#,C++**[basic]
- o Web Programming – **PHP**[good], **HTML**[medium], **CSS**[basic]
- o Scientific Environments – **Jupyter Notebooks/Lab**[good], **Mathematica**, **Maple**[good], **Sci-Davis**, **Origin**[good], **IRAF**[medium], **IDL**[medium], **MATLAB**, **Octave**[basic]
- o Scientific Frameworks – **Tensorflow**, **Keras**, **scikit-learn**[good], **Anaconda**[medium]
- o IaaS – **GCP(Google Cloud Platform)**[medium], **AWS(Amazon Web Services)**[basic]
- o PaaS – **Elastic Beanstalk**[basic]
- o CaaS – **Docker**[medium]
- o SaaS – **GitHub**[very good], **Onedrive**, **Gmail**[good], **Dropbox**[medium]
- o Databases – **MySQL**[good], **MongoDB**[medium], **Cassandra**[basic]
- o Text Editors – **Vim**[very good], **Textmaker(Latex)**[good], **Emacs**[medium], **Word**, **PowerPoint**, **Excel**, **OneNote** (and other offimatic visual apps)[medium]
- o Operating Systems – **Ubuntu (Linux)**[good], **Windows 10**[medium]



LANGUAGES

- **Spanish** [native]
- **English** [fluent]
- **French** [intermediate]
- **German** [beginner]

EXTERNAL LINKS

My repositories on GitHub:

🔗 <https://github.com/arioboo>

You can also check out my LinkedIn page:

in <https://www.linkedin.com/in/arioboo94>

For a description of my projects, check out my portfolio (on development).

🔗 <https://arioboo.wixsite.com/arioboo94>

OTHER ACHIEVEMENTS

Chess:

- (2015) National Chess Base Monitor (Collado Villalba, Madrid)
- (2014) 2nd International Master (IM) norm result. (Linares, Andalusia, Spain)
- (2012) 1st International Master (IM) norm result. (Benasque, Aragon, Spain)
- (2011) Autonomic Chess Base Monitor (Brenes, Seville)
- (2009-2011) Cordoba Chess Champion (absolute)
- (2009) Andalusian Chess Champion (sub-16 & sub-18)

Music:

- (2007) Elementary-level and 1st course of mid-level on piano.

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