

JULIÁN MARTÍN DEL FIORE

PhD on Computer Science, Electronics Engineer

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Data Science Statistical Analysis Project Management Smalltalk Python Jupyter Notebook Numpy
Pandas Scipy Scikit-Learn Tensorflow Keras Matplotlib Seaborn C Bash MATLAB/Octave

PROFESSIONAL EXPERIENCE

Software Engineer - Innovative Problem Solver

Lifeware AG

📅 Jun 2021 - Now 📍 Barcelona, Spain

- Full-stack development, providing software as a service (SaaS) for life insurance companies. Tools developed with Smalltalk, following an Extreme Programming (XP) methodology.

Researcher

Network Research Team, ICube Laboratory

📅 Oct 2017 - Feb 2021 📍 Strasbourg, France

- Data mining, cleaning, exploration, analysis and visualization to assess network's routing security and performance with BGP and traceroute datasets. Tools developed with Python and Bash.
- Confection of reports and documentation, and presentation of projects in international conferences and workshops.

Data Scientist Intern

Telefónica I+D

📅 Sep 2019 - Nov 2019 📍 Barcelona, Spain

- Characterization of a large-scale dataset, i.e., with billions of samples and hundreds of features. Code built in Python.
- Worked on a shared server respecting constraints in terms of not downloading data to personal computer.

Assistant Teacher

Télécom Physique Strasbourg, University of Strasbourg

📅 Aug 2018 - Jun 2020 📍 Strasbourg, France

- In-person and online English/French lessons for the "TCP/IP Computer Networking" and "Algorithms and Programming in C" master-courses in an engineering school.
- Explained the theory, solved problems, supervised assignments, and designed and corrected exams.

REFERENCES

Cristel Pelsser, PhD Director

✉ ICube Laboratory, University of Strasbourg
✉ pelsser@unistra.fr

Pascal Mérindol, PhD Advisor

✉ ICube Laboratory, University of Strasbourg
✉ merindol@unistra.fr

EDUCATION

PhD on Computer Science

University of Strasbourg, France

📅 2017 - 2021

Focus on Computer Networks

Electronics Engineer

University of Buenos Aires

📅 2010 - 2017

Diploma of Honor - Final Average: 8.73/10

Electromechanical Technician

Escuela Philips, Argentina

📅 2004 - 2009

Final Average: 8.87/10

COMPLETED COURSES

Deep Learning Specialization

deeplearning.ai, Coursera

📅 2020

Foundations of DL, building ANNs such as CNNs, RNNs and LSTM with TensorFlow and Keras, and leading ML projects.

Machine Learning

Stanford University, Coursera

📅 2018

Introduction to ML, data mining, and statistical pattern recognition. Implementation of algorithms from scratch with MATLAB.

AWARDS

🏆 Initiative D'Excellence (IdEX)

Provided by the French National Research Agency as part of the "Investments for the future" program.

LANGUAGES

English
Spanish
French

