

JULIÁN MARTÍN DEL FIORE

PhD on Computer Science, Electronics Engineer

📅 20 December 1990 🇮🇹 Italian/Argentinian 📍 Strasbourg, Bas-Rhin, France
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Data Science Statistical Analysis Project Management Python Jupyter Notebook Numpy Pandas
Scipy Scikit-Learn Keras Tensorflow Matplotlib Seaborn C Bash MATLAB/Octave



PROFESSIONAL EXPERIENCE

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

Teléfono 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.

Research Intern

IMT Atlantique (formerly Télécom Bretagne)

📅 Feb 2017 - Aug 2017 📍 Rennes, France

- Design and implementation of link-layer communication protocol to improve the packet-delivery performance of Industry 4.0 IoT networks. Code built in C, run on COOJA over Contiki OS.

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 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 ● ● ● ● ●