

## Seeking for a 6-month research internship in Data Science

📍 5B avenue de Joinville, 60500 Chantilly, France

Engineering student with qualifications in Applied Mathematics and Computer Science  
Fluent in English, notions in Spanish and Japanese  
Efficient, diligent and autonomous



Esch-sur-Alzette, Luxembourg

- **Major** in Machine and Deep Learning, Computer Vision and applications to Medical Imaging, Natural Language Processing, Network analysis
- **Minor** in Actuarial Science and Non-parametric Statistics

Nancy, France

- **Major** in Data Analysis, Machine/Deep Learning, Probabilities, Partial Differential Equations, Numerical Analysis and Stochastic Methods
- **Minor** in Physics, Molecular Biology and Bioinformatics
- **Research project** in Natural Language Processing based on multilingual information retrieval, leading to the writing of a survey on multilingual language models properties. The project is carried out under the supervision of the LORIA (French Computer Science laboratory)

› Linear Algebra, Advanced Calculus, Electromagnetism, Signal Processing, Algorithmic

**Jean Rostand High School**, *Baccalauréat Scientifique section Européenne* (high school leaving diploma with a major in Mathematics and English) passed with the congratulations of the Jury (19.36/20)



Medical Imaging    Deep Learning Frameworks    Team work

August 2022 June 2022	<b>Data Scientist intern, GRTgaz, Bois-Colombes, France</b> <ul style="list-style-type: none"> <li>&gt; Part of the Information Systems Direction of a French company specialised in high-pressure gas transportation.</li> <li>&gt; Pre-processing technical data from gas infrastructures and development of a regression model in a predictive maintenance context.</li> <li>&gt; Learning and mastering of Dataiku DSS platform to proceed data preparation and analysis.</li> </ul> <div> Communication skills Practical Data Science Techniques Team work </div>
March 2022 February 2021	<b>Quality Manager, FORUM EST-HORIZON, Nancy, France</b> <ul style="list-style-type: none"> <li>&gt; Recruitment fair organized by Mines Nancy students (23 members), which gathers 55 companies and welcome 1500 visitors every year</li> <li>&gt; In charge of checking correctness and coherence of all visuals and written supports produced by the association</li> </ul> <div> Monitoring diverse activities Giving feedback and assistance Ensuring clarity of information </div>
May 2021 November 2020	<b>Science communicator, LA MAIN À LA PÂTE, Paul Lévy primary school in Saint-Max, France</b> <ul style="list-style-type: none"> <li>&gt; Preparing and leading twelve afternoons of scientific workshops around the concept of motion</li> <li>&gt; Implementing a group project for the pupils, guiding experiments leading to the building of a small vehicle</li> </ul> <div> Teaching skills Workshops conception Communication skills </div>

## SKILLS

<b>Programming languages</b>	Python, R, Bash, Matlab, SQL requests
<b>Development tools and frameworks</b>	VSCode, Jupyter Notebooks, RStudio, Dataiku DSS, Git, Docker, PyTorch, Tensorflow
<b>Other tools</b>	LaTeX, Office : Word, Excel, PowerPoint, Final Cut Pro X (video editing)

## LANGUAGES

<b>French</b>	Mother tongue
<b>English</b>	Fluent. Cambridge English Proficiency Certificate, C1 level, obtained in June 2021
<b>Spanish</b>	Communication skills
<b>Japanese</b>	Basic notions. Japanese Level Proficiency test, N5 level obtained in December 2021

## INTERESTS, CLUBS AND SOCIETY INVOLVEMENT

Today 2015	<b>Voluntary worker as science communicator assistant, PAVILLON DE MANSE, Chantilly, France</b> <ul style="list-style-type: none"> <li>&gt; Volunteer in the Pavillon Jacques de Manse, a high place of French industrial heritage which offers many scientific workshops</li> <li>&gt; In charge of creating communication supports by editing video clips describing the workshops offer</li> <li>&gt; Assisting workshops conception and animation with qualified science communicators</li> </ul> <div> Video editing Sense of pedagogy Running projects Communication skills </div>
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<b>Music</b>	Electric guitar within a group (7 years), involved in some concerts
<b>Sport</b>	Tennis (4 years) and table tennis (2 years), member of the ultimate frisbee university team