



JAVIER ANDRÉS CLADELLAS HERODIER

Mathematician with experience in data science, actuarial consulting, teaching, web development and scientific research. Proficient in data analysis, processing and visualization. Team player and invested worker with the ability to quickly adapt to multiple environments.

EXPERTISE

Machine Learning
Data Treatment and Visualization
Statistics
Optimization
High Performance Computing
Computational Science

TECHNOLOGIES

Python	Pandas	Dash
NumPy		Scikit-learn
TensorFlow		Keras
Spark		OpenTURNS
HTML5	CSS	SASS
TS	JS	SQL
Bootstrap	LaTeX	Ionic
GitHub	GCP	Power BI
PHP	C	C++
MATLAB		Blender

LANGUAGES

Spanish (native)
French (fluent)
English (fluent)

CONTACT

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/JavierCladellas

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REFERENCES

Christophe Prud'homme
Director of the Master's program
University of Strasbourg
christophe.prudhomme@unistra.fr

Pedro Geoffroy
Executive Vice President
Seguros Azul, S.A
pgeoffroy@segurosazul.com

EDUCATION

2021 - 2023
2 years
University of Strasbourg
Master's degree in Applied Mathematics:
Scientific Computing and Information Mathematics

2016 - 2019
3 years
University of Strasbourg
Bachelor's degree in Pure Mathematics

WORK EXPERIENCE

06/2021 - Present
2 years
Actuarial Consultant
Seguros Azul

- Elaborated and analyzed technical notes for the company products.
- Estimated insurance premiums and calculated actuarial provisions.

12/2022 - 05/2023
6 months
Data Engineer Intern
Applaudo Studios

- Forecasted the company's headcount and income using ARIMA models and LSTM neural networks.
- Data visualization of relevant information regarding the company's income, cost and worked hours.
- Facilitated relocation of employees by clustering projects considering a considerable amount of features.

06/2022 - 09/2022
3 months
Intern
Cemosis

- Developed a platform for visualization and data processing for building energy simulation and thermal comfort evaluation.
- Implemented a data imputation algorithm to fill historical gaps in thermal data.

01/2021 - 01/2022
1 year
Mathematics lecturer
Escuela Superior de Economía y Negocios

03/2021 - 06/2021
3 months
Data Scientist
Superintendencia del Sistema Financiero

- Developed mathematical models and used Machine Learning techniques to estimate Expected Credit Losses and the Probability of Default for credit users of financial entities.
- Identified suspicious operations and transactions inside financial entities.

09/2020 - 06/2021
10 months
Startup creation and web/mobile development
LogiGoat

- Project coordinator of freelance teams.
- Developed and designed websites and mobile applications.

07/2019 - 09/2020
1 year 3 months
Researcher in Applied Mathematics
Universidad Francisco Gavidia

- Developed mathematical and statistical models.
- Published papers about COVID19 and other models.