



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

EDUCATION

2021 - 2023	University of Strasbourg
2 years	Master's degree in Applied Mathematics: Scientific Computing and Information Mathematics
2016 - 2019	University of Strasbourg
3 years	Bachelor's degree in Pure Mathematics

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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WORK EXPERIENCE

06/2021 - Present	Actuarial Consultant <i>Seguros Azul</i>	
2 years		<ul style="list-style-type: none">• Elaborated and analyzed technical notes for the company products.• Estimated insurance premiums and calculated actuarial provisions.
12/2022 - 05/2023	Data Engineer Intern <i>Applaudo Studios</i>	
6 months		<ul style="list-style-type: none">• 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	Intern <i>Cemosis</i>	
3 months		<ul style="list-style-type: none">• 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	Mathematics lecturer <i>Escuela Superior de Economía y Negocios</i>	
1 year		
03/2021 - 06/2021	Data Scientist <i>Superintendencia del Sistema Financiero</i>	
3 months		<ul style="list-style-type: none">• 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	Startup creation and web/mobile development <i>LogiGoat</i>	
10 months		<ul style="list-style-type: none">• Project coordinator of freelance teams.• Developed and designed websites and mobile applications.
07/2019 - 09/2020	Researcher in Applied Mathematics <i>Universidad Francisco Gavidia</i>	
1 year 3 months		<ul style="list-style-type: none">• Developed mathematical and statistical models.• Published papers about COVID19 and other models.

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
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