



Curriculum Vitæ

PHD STUDENT

LANGUAGES

Native - [Voltaire Certification](#)

Elementary

Proficient

IT SKILLS

Languages

DataBases

Reporting

Machine Learning

Visualization

Others

SELECTED STUDENT WORKS

- Coevolving Trade-offs in Innovation ([link](#))
- Evolutionary Models of Learning ([link](#))
- Review of AI, Algorithmic Pricing, and Collusion ([link](#))
- Parkinson's Disease and Peptides ([link](#))
- N-BEATS: Interpretable Pure DL Forecasting ([link](#))
- An Outline of Google's PageRank ([link](#))
- Numerical Optimization Visualized ([link](#))
- Digital Topics in Science and Industry ([link](#))
- Forecasting High Growth Firms ([link](#))
- NeuroEvolution of Augmenting Topologies ([link](#))
- Paths for Labor Demand in the 4th IR ([link](#))
- Churning of the Piemonte Museum Subscribers ([link](#))
- Attention in Reinforcement Learning ([link](#))
- Multi Time Series Encoders ([link](#))
- Estimateurs de la variance en données de Panel ([link](#))
- Work Stability and General Skills in France ([link](#))
- Learning in Common Value Auctions ([link](#))

WORK EXPERIENCE

RESEARCH ASSISTANT - MODELING

BETA (P. Llerena) | April - August 2022

Disaggregated modeling of the production system with idleness and innovation

RESEARCH ASSISTANT - DATA SCIENCE

BETA (S. Bianchini) | June - August 2021

Analysis framework for the study of loyalty to research grants

FREELANCE

Upwork, MQL5 | 2017 - 2020

- Content Writer & Translator EN/FR, financial topics, natural SEO
- Development of financial decision-support tools

SHORT INTERNSHIPS

Immersion in Trading Rooms | 2016

- Gutenberg Finance: financial analysis, asset management, Bloomberg
- CIC Market Solutions: arbitrage & options strategies, sales trading, structuring and OTC markets clearing

EDUCATION

PHD IN ECONOMICS

Scuola Superiore Sant'Anna di Pisa | 2022 - now

Supervision: F. Chiaromonte (IoE SSSA, ECoS Statistics), G. Fagiolo (IoE SSSA)

MASTER IN DATA SCIENCE FOR BUSINESS & ECONOMICS

University of Strasbourg | 2020 - 2022 **summa cum laude**

Thesis - Systemic Impacts of AI Inference - Supervision: A. Lorentz (BETA)

BACHELOR IN QUANTITATIVE ECONOMICS

University of Strasbourg | 2017 - 2020 **cum laude**

Thesis - Event Study of the Vodafone-Mannesmann Merger - Supervision: A. Schmitt (BETA)

MOOC CERTIFICATES

Santa Fe Institute - Fractals and Scaling | 2022 | [Certificate](#)

DataQuest - Data Science in Python | 2021 | [Certificate](#)

HarvardX - Professional Certificate in Data Science | 2020 | [Certificate](#)

RESEARCH INTERESTS

- AI Validation and Responsibility
- Economics of Innovation and Science
- Complex Systems

MORE ABOUT MY WORK



fractalds.netlify.app

