



SLIMANE DRIDI, PHD

Data Scientist | Mathematical Modelling | Scientific Computing

@ slimane.dridi@gmail.com

06 67 86 42 01

Toulouse, France

Full driving licence

slimaned.github.io

Skills

Computing

Writing

C++

R

Python

Data analysis

Mathematical modelling

Mathematica

Excel

Google Sheets

Visualisation

Reasoning

Reproducible research

Teamwork

Languages

French: **Native**

English: **Fluent**

Modern Standard Arabic:
Intermediate

Spanish: **Basic conversational proficiency**

Selected work

- Developed pyNamo-EGT, a Python package for equilibrium analysis and visualisation of evolutionary game dynamics (GitHub).
- Built a reproducible tennis analysis combining point-by-point data, feature engineering, and an exploratory game-theoretic model (GitHub).
- Co-authored seven scientific articles, presented at ten conferences and seminars, and reviewed manuscripts for ten international journals (Portfolio).

Interests

Profile

Data scientist and mathematical modeller with seven years of research and teaching experience in France, Switzerland, and the United States. I use Python, data analysis, scientific computing, and game theory to investigate complex questions, with a particular interest in elite sports strategy and performance. I currently teach mathematics, statistics, programming, and English to secondary-school and university students.

Professional Experience

- Mathematics Instructor, Nursing Entrance Examination | [French Red Cross](#)

01/2026

Toulouse, France

- Mathematics Instructor, Nursing Entrance Examination | [French Red Cross](#)

12/2024

Toulouse, France

- Research Engineer in Mathematical Modelling | [Toulouse School of Economics](#)

04/2021–08/2021

Toulouse, France

- Independent Researcher | [Institute for Advanced Study in Toulouse](#)

09/2017–08/2020

Toulouse, France

- Postdoctoral Researcher | [University of Pennsylvania](#)

08/2015–08/2017

Philadelphia, PA, USA

- Postdoctoral Researcher | [University of Lausanne](#)

03/2014–02/2015

Lausanne, Switzerland

Education

- PhD in Evolutionary Biology | [University of Lausanne](#)

11/2009–02/2014

Lausanne, Switzerland

- Master's Degree in Cognitive Science | [University of Grenoble](#)

09/2007–09/2009

Grenoble, France

- Bachelor's Degree in Psychology | [University of Grenoble](#)

09/2004–09/2007

Grenoble, France

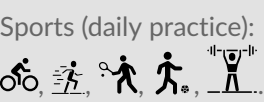
Teaching Experience

- Private Tutor with Acadomia for Secondary-School and University Students

Since Autumn 2023

Toulouse, France

- Master's Project Supervisor, Benjamin Giraudon | [Toulouse School of Economics](#); Master's in Economics of Markets and Organizations

- Sports (daily practice): ,
- Mountain hiking.
- Volunteering: outreach work supporting people experiencing homelessness.
- Recreational hunting licence holder (beginner).
- Amateur trader

 Spring 2020

 Toulouse, France

- Master's Project Supervisor, Anna Nepotrebna | [Toulouse School of Economics; Master's in Economics of Markets and Organizations](#)

 Spring 2019

 Toulouse, France

- Teaching Assistant in Linear Algebra | [Toulouse School of Economics; second-year Economics and Management](#)

 Autumn 2018

 Toulouse, France

- Undergraduate Research Project Supervisor, Natalie Weiss | [University of Pennsylvania; Mathematical Biology](#)

 Autumn 2016

 Philadelphia, PA, USA

- Teaching Assistant in Population Genetics | [University of Lausanne; second-year Biology](#)

 Spring 2013 and 2014

 Lausanne, Switzerland

- Teaching Assistant in Experimental Design | [University of Lausanne; Bachelor's in Biology](#)

 Autumn 2013

 Lausanne, Switzerland

- Master's Project Supervisor, Ana Lucia Salgado Maldonado | [University of Lausanne; Master's in Behaviour, Ecology, and Conservation](#)

 Autumn 2013

 Lausanne, Switzerland