



# GAËTAN SERRÉ

Artificial Intelligence Master – Paris-Saclay

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Gif-Sur-Yvette, France

Plagiat01

Plagiat01.github.io/

## SKILLS

### Programming

C++ OCaml Python

Sklearn Tensorflow

Pandas Numpy Menhir

Ocamllex CUDA GLSL

C Java JS HTML

CSS PHP

### Office software

LaTeX Office suite

## LANGUAGES

French: **Native**

English: **Fluent / C1**

## HOBBIES

Chess: **~1300 Elo**

Taekwondo: **Paris champion and IDF vice-champion in 2016**

Piano: **since 2020**

Escape Game: **since 2018**

## ABOUT ME

*I'm studying in the Artificial Intelligence master of Paris-Saclay. I'm passionate about algorithms, compilation, artificial intelligence and game theory. I have done many projects, all available on my Github.*

## EDUCATION

### Master Artificial Intelligence | Université Paris-Saclay

Sept. 2021 – June 2023

Orsay, France

### Magistère Informatique | Université Paris-Saclay

Sept. 2020 – June 2023

Orsay, France

- The goal of the magistère is to have an initiation to research through internships, additional courses and conferences.
- 1<sup>st</sup> year:
  - 16.4/20
  - Additional courses: Compilation and Introduction to Artificial Intelligence
- 2<sup>nd</sup> year:
  - Additional course: Modèles et langages pour la programmation des systèmes réactifs (ENS Ulm)

### Double degree mathematics/computer science | Université Paris-Saclay

Sept. 2018 – June 2021

Orsay, France

- Distinction (15.16/20)

Noteworthy course :

- Introduction à l'apprentissage statistique (3<sup>rd</sup> year. Supervisor: François Landes)
- Compilation (3<sup>rd</sup> year. Supervisor: Thibaut Balabonski)
- Mini-Projet: Project in team of 6 with the aim of detecting malaria infected cells from photos using machine learning algorithms. (2<sup>nd</sup> year. Supervisor: Isabelle Guyon)

## EXPERIENCE

### Internship | LMF & INRIA

May – July 2021

Gif-Sur-Yvette, France

The purpose of this internship was to improve Why3, a deductive program verification software. This allowed me to become familiar with the world of research in a large computer science laboratory.

### Commercial Agent | SNCF

Summer 2018 – 2021

Paris, France

Sales and after-sales at the mainline store in Gare de l'Est. This allowed me to familiarize with the corporate world and teamwork.

# PERSONAL PROJECTS

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## Deep ViCTORIA |

 April 2021 - Now

A chess engine that returns the best move from a position using an in-depth analysis of possible moves and a neural network.


C++

Python

Tensorflow

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## NeuralNet |

 May 2021 - June 2021

A C++ library allowing to create and use a neural network from a file containing its parameters.

C++

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## LiSA |

 Sept. 2020 - Now

A 3D ray tracing rendering engine.

C++

CUDA