



# TAO GUINOT

## PROFIL

As a Master 1 (MS) student at ENSTA Paris, I am very interested in Data Sciences, AI and Blockchain as well as in business development strategies. I like to have a global view on a project and make it succeed. I would like to do a 6 month internship to fulfill my thirst for knowledge and to participate in an ambitious project.

Availability : Sept 2023 - August 2024

## CONTACT



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<https://github.com/taognt>

## LANGUAGES AND PROGRAMMATION

- French (native)
- English (fluent)
- Spanish
- Russe (notions)
- C/C++
- Python
- Julia
- Solidity
- VBA, SQL, JS

## INTERETS

- Boxing, muscle strengthening
- Guitar (more than 10 years)
- Philosophy, psychology

## IT PROJECTS

- Python :
  - Machine Learning : Pizza's topping detection
  - Image analysis
- C++ : Raytracing Library, Parralel computing
- Solidity & JS : DAPP
- Julia : Game solving

## EXPERIENCES

**PIE - Entrepreneurship Project - Blockchain, Manager** oct. 2022 - April 2023  
*ENSTA Paris, Palaiseau - France*

- Management of a 7 people team on a WEB3 project | Method AGILE - SCRUM
- Strategy, market study and business case
- Developpment of a DAPP (Decentralized App) to build an innovative way to validate scientific publishing on blockchain

**Research Internship | IA & Machine Learning** May - August 2023  
*Universidad Complutense de Madrid - Spain*

- Developpment of tools based on Reinforcement Learning and Imitation Learning to build autonomous agents
- Development of visual tools in Unity3D
- Development of automatic execution systems and analysis of tests by means of RL agents

**Hackathon Hi! Paris | Data & AI** Jan. 2023

- Built a model to predict building consumption on a few features of the building
- Business Case

**Volunteer** Jul - August. 2022  
*Oxfam Ireland - Dublin*

**Project Manager - Junior Company TAEP** Nov 2021-March 2023  
*ENSTA Paris, Palaiseau*

- TAEP is a civil non-profit organization which provides services for companies, institutions and society, while enriching the learning of its members with practical experience.
- Turnover multiplied by 10
- Part of the Junior Company's strategy and decisions
- Project Manager in charge of prospection, discussion, negotiation and following of missions for the client

## EDUCATION

**Polytechnic Institute of Paris ENSTA Paris | MS Mathématiques & Computer Science - IA** 2021 - 2025

*ENSTA Paris, Palaiseau, France*

- Computer Science : Neuro-computational models of vision, Machine Learning, Operational Research, Operating system, Networks, Parallel Programming, Object-Oriented Programming, DataBase, Statistical Learning
- Mathematics : Statistics, Probability, Graph and Game Theory, quadratic optimisation

**CPGE MPSI/MP | BS Theoretical Mathematics and Physics** 2019 - 2021  
*Lycée Pierre de Fermat, Toulouse*

- 2 years of intense preparation in maths and physics for highly competitive exam
- Programmed a panicked crowd having to escape a room

## AUTRES EXPERIENCES | VIE ASSOCIATIVE

**President Crypta** Depuis Janvier 2023  
*Blockchain Club at ENSTA Paris*

- Organised events and workshops with companies
- Shared knowledge on blockchain and WEB3

**Bureau des Sports | Communication** Oct 2022 - April 2023  
*ENSTA Paris*

- Organised events and communication