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Formal Education

Université Côte d'Azur, Bachelor's Degree in **General Computer Science** — Oct 2024 – present

Pursued a standard cursus oriented towards computation theory. Specialized in Machine Learning, Formal tools and Low-level Programming ; and was admitted selectively after my double degree.

- **Coursework** : Algorithmics, Programming, Relational Algebra, Computation Theory

Aix-Marseille Université, Bachelor's Degree in **Biology and Life Sciences** — Nov 2024 – present

Completed partially remotely, alongside the Computer Science degree, in order to establish a robust knowledge base. Specialized in Molecular Dynamics and in Theoretical Biology.

- **Coursework** : Cellular and Molecular biology, Metabolism, Classical and Quantum Physics

Université Paris-Saclay, Double Bachelor's Degree in **Computer Science & Biology** — Sept 2023 – June 2024

- **Coursework** : Organic Chemistry, Thermodynamics, Bioinformatics, Linear Algebra, Calculus

Lycée Masséna, European Baccalaureate in **General Pathway** — Sept 2021 – June 2023

- **Coursework** : Computer Science, Life and Earth Sciences, Mathematics, French, English
- **Cambridge English Certificate** : Graduated with a C1 fluency level in English (CEC)

Informal Education

Santa Fe Institute, Complexity Explorer Courses in **Complex Systems** — Jan 2026

Attended online lectures, followed hands-on tutorials and completed exams (94% grade).

- **Coursework** : Origins of Life, Multi-Agent Systems

Wolfram Research, Winter School in **Hypergraph Rewriting and Wolfram Science** — Dec 2025 – Jan 2026

Selected to attend 3 weeks of intensive technical lectures, discussion sessions and structured research exercises related to the Wolfram Physics Projects, the computational approach and the foundations of basic science. Produced and presented a computational essay using Wolfram Language.

- **Coursework** : Physics, Computation, Ruliology, Metamathematics
- **Publication** : The Ruliology of Boolean Networks

G.TEC & BR41N.IO, Spring School in **Neurotechnology and Brain-Computer Interfaces** — May 2025

Université Côte d'Azur MECABIONIC, Spring School in **Mechanobiology across fields** — Mar 2025

Université Côte d'Azur LIFE, Winter School in **Mitochondria in health, disease and aging** — Dec 2024

Université Côte d'Azur, Free listener in **Psychology** — Sept 2022 – present

Followed Bachelor's Degree level courses in parallel with my personal cursus, and successfully passed all the attempted exams. No degree was delivered for this program.

- **Coursework** : Cognitive Science, Neurobiology, Sociology, Statistics

INRIA, Internship in **Problem Solving and Algorithmics** — Dec 2019

- **Coursework** : Graph Theory, Discrete Mathematics
- **Presentation** : Solving the Cops and Robber problem

External Involvements

President and Founder at Synapse Ecosystem Jan 2025 – present

Founded and developed an ecosystem to centralize useful and independant tools, games or media.

- Partenered with Google Developer Group and the Sophia Hack Lab
- Organized on-place Hackathon at Université Côte d'Azur, France

Team Leader at EFELIA 3IA Hackathon (Machine Learning) Dec 2024

Presented a new Bayesian approach to solve the menstrual inference problem in mobile applications, and implemented a proof-of-concept Time Series Transformer to demonstrate its efficiency.

Dry lab Manager at Evry-Paris-Saclay Team for iGEM Competition Aug 2024 – Nov 2024

Participated to the creation of PHAGEVO, an upgrade of the standard PACE system that allows inducing targeted mutagenesis to evolve proteins. Also built a deep learning model to implement a new approach to designing highly-efficient molecules *in silico*.

- Awarded a Gold Medal for the project.
- Ranked Top 10 Overgraduate Teams.
- Nominated for the Best Foundational Advance Project.