Last updated in Dec 2025

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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

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

Selected to attend 3 weeks of intensive technical lectures, discussion sessions and structured research exercises related to Wolfram Science. Produced and presented a computational essay alongside with the Wolfram Research team, using Mathematica.

- **Coursework** : Physics, Computation, Ruliology, Metamathematics
- **Publication** : Under review, to be disclosed

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. Focused on relevant subjects such as neurobiology, statistics, cognitive and behavioral sciences or group sociology, and successfully passed all the attempted exams. No degree was delivered for this program.

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

- **Coursework** : Graph Theory, Discrete Mathematics

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 toy model 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.