



## Côme Cattin

📍 Lyon, France

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Birth date : 24<sup>th</sup> April 2000 (22)

### PROFILE

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Open-minded, curious, independent and hard-working.

Graduated student passionate about fundamental physical chemistry, teaching, research and culture.

### EDUCATION

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2021 – Today

École Normale Supérieure de Lyon, Master Sciences of Matter, Computational Physics and Chemistry

2020

École Normale Supérieure de Lyon, Bachelor's degree Sciences of Matter

2018 – 2020

Université de Paris, double Bachelors's degree in Physics and Chemistry

Head of the class, high honors in Physics and Chemistry during the 1<sup>st</sup> and the 2<sup>nd</sup> year.

### SKILLS

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#### Chemistry

- 2022 - 3 months internship at the Max-Planck Institute For Solid State Research, Stuttgart, Germany, Exotic electronic phases in honeycomb materials. Solid state synthesis and characterization, quantum spin liquids.
- 2021 - 2 months intership at the Institute of Physical Chemistry (ICP), University of Orsay, France. Understanding the redox properties of cytochrome *bd* in various organisms using the Density Functional Theory. Use of quantum chemistry software (deMon2k, Gaussian).
- 2021 - Publication of two articles in the Journal de Physique et de Chimie des Étudiants at the ENS, peer-review student scientific journal.
- 2019 - 1 month internship at the Ryan Institute, Galway National University of Ireland, in environmental chemistry.

#### Computer Science

- Coding in Python, Matlab and Bash
- Master  $\LaTeX$

#### Philosophy

- Creation and involvement since 2015 in a philosophical, cultural and citizenship organization : Programme L.U.C.I

### ACCOUNTABILITY

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- 2011 - Today Class representative
- 2020 - Today Volunteer tutoring for the ENSeigneur organization.
- 2021 - Participation to the PhD's day at the Institut de Chimie Physique, Université Paris Saclay, presentation of a poster.
- 2016-2018 Elected in the CVL (Conseil de Vie Lycéenne, High school council)
- 2015 Elected in the admistrative council

### LANGUAGES

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#### English

- C1 diploma, CAE (Cambridge Advanced Exam)
- 2017 Involvement in the Cambridge University School Model United Nations

#### Italian

- Italian baccalaureate (B2)

### OTHER

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#### Sports

- Since 2014 Archery practice
- 2006-2013 Fencing practice

Stays abroad California, Toscana, Canada, England, Irland, Malta, Catalogna, Germany, Czech Republic