

Timothée Chauvin

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EDUCATION

2017– **École Polytechnique** (*currently in 2nd year / senior undergraduate*)
Majoring in

- Mathematics (Statistics, Probabilities)
- Computer Science (Logic, Algorithms, Data Science)
- Biology (Cell Biology, Genetics, Pathologies and Therapeutic Strategies)
- Physics (Statistical Physics)

2015–2017 **Lycée Sainte Geneviève, Versailles**: Classes préparatoires
Two-year intensive undergraduate program leading up to competitive nationwide entrance exams

EXPERIENCE

2018– **Co-founder and president, Polytechnique Effective Altruism** student society
Launched a reading group for fellow students.

OCT 2017–APR 2018 **Teacher in prison, Villefranche sur Saône, France.**
6-month full-time immersion in the prison system, as part of my first year at Polytechnique.
Taught inmates math, science and other subjects.
Gained deep understanding of the French prison system.

PROJECTS & EXTRA COURSEWORK

[See all projects – past and ongoing](#)

2019 **Completed Neural Networks And Deep Learning** (*Michael Nielsen*)
Involves building neural networks from first principles, then making use of Python ML libraries.

2018–2019 **Inductive dynamic charging of electric cars.**
Supervisor: François COLET, VEDECOM Institute
8-month research project on the electric road, leader of a team of 6. Reviewing the technology and proposing optimizations, especially concerning the shape and spatial layout of electric coils.

2017– **Open source contributions**

LANGUAGES

FRENCH	Native
ENGLISH	Fluent
GERMAN	Intermediate

TECHNICAL SKILLS

LANGUAGES	Shell, C++, Python, Java, HTML, CSS, SQL, OOoBasic
TOOLS	Git, LaTeX, R
PLATFORMS	Linux

INTERESTS & ACTIVITIES

TOPICS	rationality, effective learning, education
SPORTS	ultimate frisbee (captain of Polytechnique's team), running
MUSIC	violin