

# Clément Lalanne

Computer science student  
École Normale Supérieure -  
Paris, France

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 <https://github.com/ClementLalanne>

21 years old

French



## Current situation

2017–2018 **Computer science student**, *École normale supérieure*, Paris, France, [www.ens.fr](http://www.ens.fr).

## Curriculum

2016–2017 **Computer science student**, *École normale supérieure*, Paris, France, [www.ens.fr](http://www.ens.fr).

2014–2015 **Preparatory courses for competitive entrance examination ‘Classes Préparatoires aux Grandes Ecoles’**, *mathematics and physics*, Louis-Le-Grand High School, Paris.  
France

2013–2015 **Preparatory courses for competitive entrance examination ‘Classes Préparatoires aux Grandes Ecoles’**, *mathematics and physics*, Louis Barthou High School, Pau.  
France

2010–2013 **General Baccalaureate, major in science**, ‘received with honours’, *Louis Barthou High School*, Pau, France.

## Achievements

2016 **Passed Ecole normale supérieure entrance examination**, ranked 15<sup>th</sup>.

2016 **Passed Ecole Polytechnique entrance examination**, ranked 76<sup>th</sup>, [www.polytechnique.edu](http://www.polytechnique.edu).

## Languages

French **Mother tongue**.

English **Upper intermediate**.

Spanish **Elementary**.

Japanese **Elementary**.

## Skills

Computer science **Algorithm, Compiling, Hardware, Formal languages, Calculability and Complexity, Information theory, Lambda calculus and categories, Parallel programming, Network algorithms, Computer vision, Convex and combinatorial optimization, Statistical learning.**

Algebra **Sets, Group theory, Rings, Fields, Vector spaces and Hilbert spaces.**

Analysis **Vector applications defined on  $\mathbb{R}$ , Riemann’s integration, Series of functions, Normed vector spaces, Topology and Differential calculus..**

Integration **Lebesgue’s integration and Probabilities (discrete and continuous).**

Physics **Mechanics, Electromagnetism, Thermodynamics, Quantum physics basics.**

Chemistry **Basic knowledge.**

Languages **Objective CAML, Python,  $\text{\LaTeX}$ , C basics, Rust basics.**

Tools **Unix basics, Git.**

## Student courses

Summer 2017 **De-anonimization and privacy : Study of a random graph model**, *Supervised by Florian Simatos*, ISAE Supaero, Toulouse.  
France

## Reference

Tutor **Professor Francis Bach.** Researcher at INRIA Paris and leader of the **SIERRA project-team** within the Computer Science department of Ecole normale supérieure, (*Francis Bach's homepage*).

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## Other activities

Sports **Running, Canyoning.**

Music **Music theory, Guitar, Composition.**