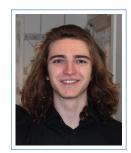
# Clément Lalanne

Computer science student École Normale Supérieure -Paris, France 15 cami Lacampagnotte
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lttps://github.com/ClementLalanne
21 years old
French



## Current situation

2017–2018 Computer science student, École normale supérieure, Paris, France, www.ens.fr.

#### Curriculum

2016–2017 Computer science student, École normale supérieure, Paris, France, 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.

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.

## Languages

French Mother tongue.

English Upper intermediate.

Spanish Elementary.

Japanese Elementary.

## Skills

Computer Algorithm, Compiling, Hardware, Formal languages, Calculability and Complexity, science Information theory, Lambda calculous and categories, Parallel programming, Network algorithms, Computer vision, Convex and combinatory 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 calculous.

Integration Lebesgue's integration and Probabilities (discrete and continuous).

Physics Mechanics, Electromagnetism, Thermodynamics, Quantum physics basics.

Chemistry Basic knowledge.

Langages Objective CAML, Python, 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).

## Other activities

Sports Running, Canyoning.

Music Music theory, Guitar, Composition.