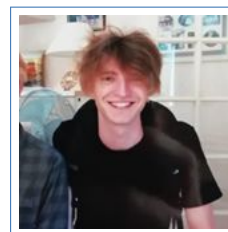


# Clément Lalanne

Computer science student  
École Normale Supérieure - Paris,  
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23 years old  
French



## Current situation

2018–2019 **Master's degree student, MVA**, *École normale supérieure, École normale supérieure Cachan*, Paris, France, MVA website.

## Curriculum

2017–2018 **Master's degree student in Computer Science (first year)**, 'received with honours', *École normale supérieure*, Paris, France, [www.ens.fr](http://www.ens.fr).

2016–2017 **Bachelor's degree, Computer Science**, 'received with honours', *École normale supérieure*, Paris, France, [www.ens.fr](http://www.ens.fr).

2015–2016 **Preparatory courses for competitive entrance examination 'Classes Préparatoires aux Grandes Ecoles'**, *mathematics and physics*, Louis-Le-Grand High School MP\*3, 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.

## Internships

Spring-Summer 2018 **Storage-optimal continuous optimization**, *Supervised by Volkan Cevher*, EPFL Lions, Lausanne. Switzerland

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

## 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, Band leader.**  
Video Games **Experience playing as a team, League of Legends.**

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## Teaching Units

### 2018-2019

- App M **Large Scale Distributed Optimization & Computing**, *J.C. Pasquet, E. Chouzenoux.*
- App M **Inverse Problems and Imagery**, *J. Garnier.*
- App M **Geometry and Manifolds**, *A. Trouvé, J. Glaunes.*
- App M **Kernel Methods for Machine Learning**, *J.-P. Vert, J. Mairal.*
- App M **Learning with Deep Neural Networks**, *Stéphane Mallat.*
- App M **Theoretical Foundation of Deep Learning**, *S. Gerchinovitz, F. Malgouyres, E. Pauwels, N. Thome.*
- App M **Algorithms for Speech and Natural Language Processing**, *Emmanuel Dupoux, Benoît Sagot.*
- App M **Deep Learning**, *Vincent Lepetit.*
- App M **Object Recognition and Computer Vision**, *Jean Ponce.*
- App M **Mathematical Foundation of Data Science**, *Gabriel Peyré.*
- App M **Graphs in Machine Learning**, *Michal Valko.*
- App M **Reinforcement Learning**, *Alessandro Lazaric.*
- App M **Probabilistic Graphical Models**, *Francis Bach.*

### 2017-2018

- App M **Statistical Learning**, *Francis Bach.*
- App M **Convex and Combinatorial Optimization**, *Alexandre D'Aspremont.*
- App M **Introduction to Computer Vision**, *Josef Sivic.*
- CS **Robotics**, *Jean-Paul Laumond.*
- CS **Software Engineering**, *David Baelde.*
- CS **Parallel and reactive programming**, *Albert Cohen.*

### 2016-2017

- App M **Information Theory**, *Bartek Blaszczyzyn.*
- Math **Topology and Differential Calculus**, *Laurent Charles.*
- Math **Integration and Probabilities**, *Raphael Cerf.*
- CS **CS by practice**, *David Naccache.*
- CS **Systems and Networks**, *Marc Pouzet.*
- CS **Digital Systems : from circuits to algorithms**, *David Naccache.*
- CS **Formal Languages, Calculability and Complexity**, *Damien Vergnaud.*
- CS **Compiling**, *Jean-Christophe Filliatre.*
- CS **Algorithmics and Programming**, *Anne Bouillard.*

### 2013-2016

- Math **General formation equivalent to two years of bachelor's degree.**
- CS **General formation equivalent to two years of bachelor's degree.**
- Ph **General formation equivalent to two years of bachelor's degree.**