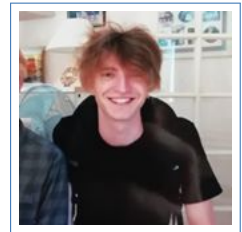


Clément Lalanne

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23 years old
French



Current situation

2018–2019 **Master's degree student, MVA**, École normale supérieure, École normale supérieure Paris-Saclay, Paris, France, <http://math.ens-paris-saclay.fr/version-francaise/formations/master-mva/>.

Curriculum

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

2016–2017 **Bachelor's degree, Computer Science**, 'received with honours', École normale supérieure, Paris, France, 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 **anonymization and privacy : Study of a random graph model**, Supervised by Florian Simatos, ISAE Supaero, Toulouse, France

Achievements

2016 **Passed École normale supérieure entrance examination**, ranked 15th.

2016 **Passed École Polytechnique entrance examination**, ranked 76th, 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 École 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.**

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 **Deep Learning in Practice**, *G. Charpiat, E. Oyallon.*
- App M **Kernel Methods for Machine Learning**, *J.P. Vert, J. Mairal.*
- App M **Learning with Deep Neural Networks**, *S. 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**, *E. Dupoux, B. Sagot.*
- App M **Deep Learning**, *V. Lepetit.*
- App M **Object Recognition and Computer Vision**, *J. Ponce.*
- App M **Mathematical Foundation of Data Science**, *G. Peyré.*
- App M **Graphs in Machine Learning**, *M. Valko.*
- App M **Reinforcement Learning**, *A. Lazaric.*
- App M **Probabilistic Graphical Models**, *F. Bach.*

2017-2018

- App M **Statistical Learning**, *F. Bach.*
- App M **Convex and Combinatorial Optimization**, *A. D'Aspremont.*
- App M **Introduction to Computer Vision**, *J. Sivic.*
- CS **Robotics**, *J.P. Laumond.*
- CS **Software Engineering**, *D. Baelde.*
- CS **Parallel and reactive programming**, *A. Cohen.*

2016-2017

- App M **Information Theory**, *B. Błaszczyszyn.*
- Math **Topology and Differential Calculus**, *L. Charles.*
- Math **Integration and Probabilities**, *R. Cerf.*
- CS **CS by practice**, *D. Naccache.*
- CS **Systems and Networks**, *M. Pouzet.*
- CS **Digital Systems : from circuits to algorithms**, *D. Naccache.*
- CS **Formal Languages, Calculability and Complexity**, *D. Vergnaud.*
- CS **Programming languages and compilation**, *J.C. Filliâtre.*
- CS **Algorithmics and Programming**, *A. 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.**