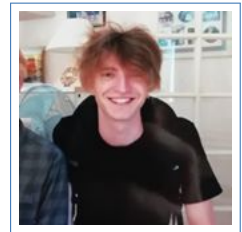# Clément Lalanne

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.
2016–2017	**Bachelor's degree, Computer Science, 'received with honours'**, *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 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 15th.*
2016	**Passed Ecole 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 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.*

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   **Theorical 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 Blaszczyszyn.*

Math   **Topology and Diffential 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.**