Clément Lalanne

Computer science student
École Normale Supérieure - Paris, France

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22 years old
French

Current situation

2017–2018	**Master's degree student in Computer Science**, *École normale supérieure*, Paris, France, www.ens.fr.

Curriculum

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, 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.

Internship

Summer 2017	**De-anonimization and privacy : Study of a random graph model**, *Supervised by Florian Simatos*, ISAE Supaero, Toulouse. France
Spring-Summer 2018	**Storage-optimal continuous optimization**, *Supervised by Volkan Cevher*, EPFL Lions, Lausanne. Switzerland

Achievements

2016	**Passed Ecole normale supérieure entrance examination**, *ranked 15th*.
2016	**Passed Ecole Polytechnique entrance examination**, *ranked 76th*, www.polytechnique.edu.

Skills

Computer science	**Algorithmics, Compiling, Hardware, Formal languages, Calculability and Complexity, Information theory, Parallel programming, Computer vision, Convex and combinatory optimization, Statistical learning**.
Algebra	**Sets, Group theory, Rings, Fields, Vector spaces and Hilbert spaces**.
Analysis	**Vector applications defined on $\mathbb{R}$, Series of functions, Normed vector spaces, Topology and Differential calculous.**.
Integration	**Riemann's integration, Lebesgue's integration and Probabilities (discrete and continuous)**.
Physics	**Mechanics, Electromagnetism, Thermodynamics, Quantum physics basics**.
Chemistry	**Basic knowledge**.
Langages	**Python, Objective CAML, LATEX, C, Rust**.
Tools	**Linux, Mac OS, Git**.

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**.