

Transcript of academic record

Mr ROUVROY Clément, born on the 4th of February 2004, in Amiens (FRANCE), studied at the École normale supérieure (Paris, France) in 2023-2024 where he attended and passed the following courses:

Course title	Credits awarded	Grade out of 20	Letter grade	GPA
Japanese - Kanji and practice - Beginner level	6	10	C	2.0
Japanese - General course - Beginner level	6	13.5	B+	3.33
Economy for scientists	6	18	A	4
Algebra I	12	10	C	2.0
Introduction to cryptography	12	10	C	2.0
Lambda-calculus and computer logic	6	10.9	B-	2.7
Algorithms	9	14	A	4
operating systems -	9	17	A	4
Data bases	9	17.3	A	4
Statistical learning	9	15	A	4
Digital systems	9	18	A	4
Programming languages and compilation	9	15.25	A	4
formal languages, computability and complexity	9	18	A	4

Cumulative GPA: 3.21

NB: *École normale supérieure* is one of the most selective French higher education institutions in science and humanities. Students entering ENS are selected from the upper tier of *classes préparatoires* and universities and ranked in the top 1-5% among French students.

ENS follows the traditional French grading system based on a numbered scale from 0 to 20, 10 being the minimum passing grade. French grades correspond to the following:

- 18-20 outstanding
- 16-17.9 very good
- 14-15.9 good
- 12-13.9 quite good
- 10-11.9 fair
- 00-09.9 fail

Typical class average lies between 12 and 14/20 and grades above 16 are seldom awarded.

I, Mr Jérôme FERET, research fellow in [Computer Sciences](#), Head of Studies of the Department of [Computer Sciences](#), hereby certify that the translation of the transcripts obtained by Mr Clément ROUVROY is true to the original.

September 10, 2024

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