Transcript of academic record

Mr BOYER Nathan, born on the 12th of July 2004, in Antony (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
English - Debating - Advanced level	6	12.8	B+	3.33
Economy for scientists	6	18	A	4
Algebra I	12	10.5	B-	2.7
Semantics and applications to the verification of programs	9	13.07	B+	3.33
Data bases	9	13.8	B+	3.33
Statistical learning	9	14	A	4
formal languages, computability and complexity	9	11	B	3.0
Introduction to cryptography	12	14.5	A	4
operating systems -	9	16	A	4
Summer internship "Imitation Learning for Combined Coverage and Resource Allocation in UAV-Aided RAN-Slicing" under the supervision of Emiliano TRAVERSI	12	17	A	4
Digital systems	9	14	A	4
Programming languages and compilation	9	15.25	A	4
Algorithms	9	17	A	4

Cumulative GPA: 3.47

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 Nathan BOYER is true to the original.

September 14, 2024

Jérôme FERET
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Deputy Head Of The Academic Registrar
Christophe CARIO