

Maxence JAUBERTY

ENGINEERING STUDENT IN
MATHEMATICS AND COMPUTER
SCIENCE



Student at Telecom Paris on a gap year. I am focusing on research in cryptography and cryptanalysis.

✉ maxence_jauberty@outlook.fr

☎ 06 70 87 89 25

🔗 <https://evaristemj.github.io/EvaristeMJ/>

🇫🇷 French

📍 Île-de-France

Languages

French
Mother tongue

English
C1

Chinese
Basic level

Topics of interest

- Post-quantum cryptography
- Algebraic geometry
- Quantum information
- Zero-Knowledge Proof

Computer skills

Python / SageMath
SageMath and cryptographic protocol implementations.

JAVA
Graphical interfaces and Android.

Research

- **Internship in cryptography** Since September 2024 (2 months)
Ecole Polytechnique, Inria, Palaiseau
 - I read the state of the art and study many cryptographic primitives
 - I attended to multiple workshops and seminars with my team
 - I presented some research papers during workshops
 - Zero-knowledge proofs

- **Research internship in information theory** From September 2023 to June 2024 (9 months)
Telecom Paris, Palaiseau
 - I read the state of the art in quantum information theory
 - I have made discoveries in the domain
 - Resulted in a paper (soon submitted to the ISIT2025)

Education

- **Engineering Degree** Since 2022
Telecom Paris, Palaiseau
 - Completed a course in applied algebra
 - Gained theoretical foundations in Gröbner bases, algebraic geometry, and lattices
 - Practical experience in cryptographic schemes and analyzing attacks on these systems

- **Preparatory classes in Mathematics and Physics** From 2020 to 2022
Lycée Jean-Baptiste Corot, Savigny-sur-Orge
Intensive courses in mathematics and physics to prepare nationwide exams to enter in selective colleges.

Associative

Sublimath
Mathematics club for middle school students organized by Telecom Paris.
<https://sublimath.rezel.net/>

Interests

Poetry and literature
I have been writing poetry and sharing it on forums since high school. And of course, my favorite writers: Jacques Prévert and Boris Vian.

Cinema
In my free time, I help filmmaker friends with writing or shooting. I also enjoy watching movies, especially bad ones for what they teach us: a good film is a miracle.