

# Erwan Tanguy-Legac

Student at École Normale Supérieure de Rennes

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Passionate about programming and computer science since 8th grade, I aim to become a teacher or researcher in this field.

## Educational Background

### BSc. and MSc. in Computer Science

École Normale Supérieure de Rennes, France

Department of Computer Science

2023 - Present

Classes taken:

- 2nd semester of 2nd year: Compilation, Information Theory, Theory of Complexity, Machine Learning, Philosophy, Scientific Writing
- 1st semester of 2nd year: Advanced Operating Systems, High Performance Computing, Introduction to Coq and language semantics, Bioinformatics, Informatics & Anthropocene
- 2nd semester of 1st year: Algorithms 2, C++ programming, Computer Architecture, Logic, Statistics, Imagery (image manipulation, filtering and inpainting), Pedagogy
- 1st semester of 1st year: Algorithms 1, Distributed Systems & Algorithms, Formal languages, Introduction to Programming Theory (lambda-calculi, type systems), Networks

### CPGE MP2I/MPI

Valbonne, France

Intensive preparation for the competitive entrance exams to the French Grandes Écoles

2021 - 2023

- Mathematics
- Physics
- Computer science

### ABIBAC

Lycée Saint-Sernin, Toulouse, France

Binational study stream

2018 - 2021

- Majors: Mathematics, Physics, German
- Minors: Informatics and Computer Science, History, Geography

### Collège André Malraux

Ramonville Saint-Agne, France

2014 - 2018

## Research internships

### Hardware Accelerators for Unmanned Aerial Vehicles MPC algorithms

IRISA, Rennes, France

October 2024 - Present

Supervised by [Marcello Traiola](#), Tommaso Belvedere, [Marco Tognon](#), Gianluca Corsini.

1 day per week

### Extraction of memory access profiles using Time Interest Points: a comparison with StAMP

IRISA, Rennes, France

May 2024 - July 2024

Supervised by [Isabelle Puaut](#)

2 months long internship

## Diplomas

**BSc. in Computer Science**

2024

**Baccalauréat**

2021

**Abitur**

2021

**Brevet des collèges**

2018

## Skills

**Spoken Languages** French, English, German