

LE GALLIC Dimitri

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EDUCATION

Paris-Cité University Paris, France
Bachelor degree, Applied mathematics 2024 – 2026

Topology · Measure Theory · Probabilities
Complex Analysis · Differential Calculus

Paris-Cité University Paris, France
Bachelor degree, Computer-Science 2024– 2026

Lycée Charlemagne Paris, France
CPGE, MPSI-MP 2022 – 2024

- Highly selective, mathematics and physics courses

Ecole Alsacienne Paris, France
High School degree 2022

PROJECTS

Algorithmics Paris-Cité University
Visualization of Dijkstra's algorithm - Java 2025

- Graphical interface highlighting the shortest path between two pixels of an image according to Dijkstra's algorithm applied on the difference of luminosity between adjacent pixels.

Mathematics report Paris-Cité University
Quelques résultats sur π et e . 2025

- Study of the historical proofs of irrationality of e and π followed by an introduction on transcendental numbers and shorts proof that e and π are transcendental numbers.

Second Year University Project Paris-Cité University
Dungeon Master - Unity3D/C# 2025

- Creation of a map editor and automatized map generator, and implementation of a pathfinding algorithm (A^*).

TIPE Lycée Charlemagne
Fluid mechanics 2024

- Experimental study of airfoils properties and coefficients (lift, drag).

SKILLS

🔗 Python · C/C# · Java
OCaml · SQL · Git
LaTeX · R · Octave

🗣️ French · Native
English · C1
Japanese · JLPT N3 (equivalent B1-B2)
Chinese · Elementary (roughly A2-B1)
Russian · Elementary

HOBBIES

MUSIC Guitar - 2 years
Piano - 12 years

SPORT Swimming
Running

OTHER Litterature

INTERNATIONAL

Japanese formation at Espace Nadeshiko since middle school and month trip in July 2025.

Studied English at the British Council and had an intensive English course in Oxford.

Two 2-weeks exchange in China and one in Russia.

REFERENCES

All reports are available here :
<https://dlegallic.github.io/homepage/>