Armand Ledoux

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Formation

L3 SIF and M1 SIF *2023-2025*
École Normale Supérieure de Rennes (ENS Rennes)
Including distributed algorithms lessons with George Giakkoupis and Davide Frey

Preparatory class (MPI*) *2021-2023*
Lycée Fénelon Sainte-Marie

Baccalauréat (High School) *2021*
Lycée Rosa Parks, Montgeron
Options : Maths, Physics, Chemestry and computer science

Internships

Research internship (8 weeks) *2024*
Analysis of the Minority Dynamics for the Consensus and Bit-Dissemination Problems
Keywords : Distributed algorithms, Consensus, Bit-Dissemination, Minority Dynamics
With George Giakkoupis (WIDE team) at INRIA Rennes

Teaching internship *2024-2025*
Help with teaching in preparatory class at Lycée Chateabriand
1 day per week for a year

Languages

Languages	French, English
Progamming languages	C, C++, Ocaml, Python, Rust (basics), Javascript (basics) et html/css (basics)

Teaching Experience

Tutoring Experience *2023-2024*
At Lycée Descartes, Rennes (High School)
And at Lycée Chateaubriand (L1)
Both based on volunteering

Pedagogy lessons *2024*
Teaching practice in primary school
With the ENS Rennes

Projets

Project in the context of preparatory class (TIPE) *2022-2023*
Implementation of Reed-Solomon and Hamming error correcting codes
Implementation of finite fields with 2^8 and 2^{16} elements for the implementation of Reed-Solomon
Language : Python then C

Multiple projects in the context of L3 and M1 at ENS *2023-2025*
Langages : Ocaml, C, C++