

# Benjamin VOISIN

”Normalien” Student

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## Research

- Sept. 2023 - Ongoing **The Squirrel Prover : multi-system reasoning**  
David BAELE and Joseph LALLEMAND  
Inria Bretagne, SPICY team, Irisa  
Rennes
- May–July 2023 **Use of Zero-Knowledge Proofs to improve eligibility in evoting protocols**  
Lucca HIRSCHI and Alexandre DEBANT  
Inria Grand Est, PESTO team, Loria  
Rennes

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## Formation

- 2023–2024 **M1 SIF - Informatique, ENS de Rennes, Rennes**  
Lectures taken :
  - 1<sup>st</sup> semestre : Semantics (Coq), Avdenced Operating Systems, HPC (C), Bioinformatics (C)
- 2022–2023 **L3 SIF - Informatique, ENS Rennes, Rennes**  
Lectures taken :
  - 1<sup>st</sup> semestre : Programming (OCaml), C Programming and Network, Algorithmic, Formal Languages, Distributed algorithm, Security
  - 2<sup>nd</sup> semestre : Architecture, Software engineering, OpenGL, Statistics, Advanced Algorithmic, Logic, Pedagogy
- 2019–2022 **Preparatory classes aux Grandes Écoles, Lycée Buffon, Paris 14E**  
Prépa MPSI puis MP option Informatique
- 2017–2019 **French High School Diploma, Lycée Paul Lapie, Courbevoie**

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## Experiences

- Nov. 2023 - Ongoing **Tutoring L1 students, ISTIC**  
Rennes
- Jan.–Apr. 2023 **Unplugged informatics in primary school, Primary school Bourg Chevreuil**  
Cesson-Sévigné

### M1 SIF

- 2023 **Design and implementation of an absent word algorithm, C**  
with Alexis HAMON
- 2023 **Implementation of the Nachos Kernel, C++**  
with Alexis HAMON

### L3 SIF

- 2023 **Numberlink solver, JavaScript**  
with Alexis HAMON and Romain DE BEAUCORPS
- 2022 **Creation of a Progol interpreter, Ocaml**
- 2022 **Creation of a custom language and a compiler, Ocaml**

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## Skills

Skilled Rust, C, Python, Lua, OCaml, L<sup>A</sup>T<sub>E</sub>X  
Initiated js, sql, C++, numpy, html  
Tools git, Cmake, gdb, valgrind, (neo)vim

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## Languages

<u>French</u>	read, write, speak	<i>Mother Tongue</i>
<u>English</u>	read, write, speak	<i>C1</i>
<u>Portuguese</u>	read, write	<i>B1</i>

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## Associative life

Nov. 2023–Nov. 2025 **Conflict of Interest Committee**, *Wikimédia France*  
Apr. 2023–Apr. 2024 **Treasurer**, *Sinfonie*  
Apr. 2023–Apr. 2024 **Treasurer**, *Bureau des Arts de l'ENS Rennes*