

FÉLIX

YVONNET

NORMALIEN ÉLÈVE AT THE ENS PARIS-SACLAY

CONTACT INFO

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| GitHub | https://github.com/Felix-Yvonnet |

ABOUT ME

I am a Computer Science student at ENS Paris-Saclay, with hands-on experience in both theoretical and applied programming and research. I am eager to pursue a PhD and contribute to cutting-edge research, aiming to advance technology and mentor future computer scientists.

EDUCATION

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|---|-------------------|
| Master 2 F2FESup <i>École Normale Supérieure (ENS) Paris-Saclay</i> (preparation for "agrégation": a selective math exam for teachers) <ul style="list-style-type: none">• <u>global curriculum</u>: Algebra, analysis, probability and statistics | 2024-today |
| L3 (equivalent to bachelor degree) and M1 <i>ENS Paris-Saclay</i> (computer science: from foundation to programming) <ul style="list-style-type: none">• ranked first at "Second Concours"• <u>global curriculum</u>: logic, category theory, algorithms and architecture• <u>additional courses taken</u>: algebra, analysis, statistical learning, probabilistic programs, proof assistants... | 2022-2024 |
| CPGE MPSI → MP* <i>Lycée Fénélon Paris</i> <ul style="list-style-type: none">• a 2 year intensive preparation for selective exams• <u>global curriculum</u>: an overview of modern sciences, focused on mathematics, physics and computer science | 2020-2022 |
| BACCALORÉAT SCIENTIFIQUE <i>Lycée Olympe-de-Gouges Noisy-le-Sec</i> <ul style="list-style-type: none">• Equivalent to High School Diploma or A-levels in science subjects• "Mention très bien" : equivalent to grade A or above | 2020 |

SKILLS

Programming skills

- Very familiar with OCaml, Python, Rust, \LaTeX .
- Proficient user of C, SQL, Shell Script, Coq.
- Familiar with x86_64 and Ic-3 Assembly, Scala, Lean.
- Basic knowledge in Go, Lisp, Lua.

Linguistic skills

- Native speaker of French
- Good command of English (**IELTS** C1 certification)
- Basics conversational level in Spanish
- Beginner in Latin and Korean

PROJECTS

A 6 months internship

2024

UNIST, LOFT | Ulsan, South Korea

- Automatically repairing a buggy program at runtime
- Under the supervision of [Jooyong Yi](#)
- Project [RuntimeAPR](#) available on GitHub

A 2 months internship

2023

LaBRI, M2F | Bordeaux, France

- Adapting the restart method from SAT solvers to program synthesis
- Under the supervision of [Nathanaël Fijalkow](#) and [Théo Matricon](#)
- Project [ProgSynth](#) available on GitHub

Different projects

2022-2023

Most available on [my GitHub](#)

- Mobile App for phone synchronisation in group
- SAT solvers in OCaml, Rust and Lisp
- Neural network visualisation for MNIST
- Automatised shortcut recommendation in Shell Script
- Build my own linux shell in C
- Coding of many compilers and interpreters in OCaml, C, Rust and Python

HOBBIES

Sport

Fencing for 11 years
Badminton for 3 years

Art

Saxophone for 9 years
Beginner in piano

REFERENCES

**Stéphane
Demri**

Tutor

Senior researcher, CNRS
demri@lsv.ens-cachan.fr
<https://cv.hal.science/stephane-demri>

**Thomas
Chatain**

Referent teacher

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