FÉLIX
YVONNET

NORMALIEN ÉLÈVE AT THE ENS PARIS-SALCAY

CONTACT INFO

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

ABOUT ME

I am currently a student at the ENS Paris-Saclay in Computer Science. I am looking for an internship in a laboratory.

EDUCATION

Master 1 MPRI (toward master degree)   **2023-present**
École Normale Supérieure (ENS) Paris-Saclay
(computer science: from foundation to programming)

- equivalent to fourth year university
- global curriculum: SAT solvers, category theory, analysis
- additional courses taken: deep learning, probabilistic algorithms…

Licence 3 (equivalent to bachelor degree)   **2022-2023**
ENS Paris-Saclay

- ranked first at "Second Concours"
- global curriculum: logic, programming, architecture and algorithms
- additional courses taken: algebra, statistical learning, proof assistants...

CPGE MPSI → MP*   **2020-2022**
Lycée Fénelon | Paris

- a 2 year intensive preparation for selective exams
- global curriculum: an overview of modern sciences, focused on mathematics, physics and computer science

BACCALORÉAT SCIENTIFIQUE   **2020**
Lycée Olympe-de-Gouges | Noisy-le-Sec

- Equivalent to High School Diploma or A-levels in science subjects
- "Mention très bien" : equivalent to grade A or above

SKILLS

Programming skills
- Very familiar with OCaml, Python, Rust, LaTeX.
- Proficient user of C, SQL, Shell Script, Coq.
- Familiar with x86_64 and lc-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 2 month internship   2023
LaBRI | Bordeaux
- 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
- Age of Empire-like game in Scala
- An app to help students find internships
- 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 in M1
                          Assistant professor, ENS Paris-Saclay
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